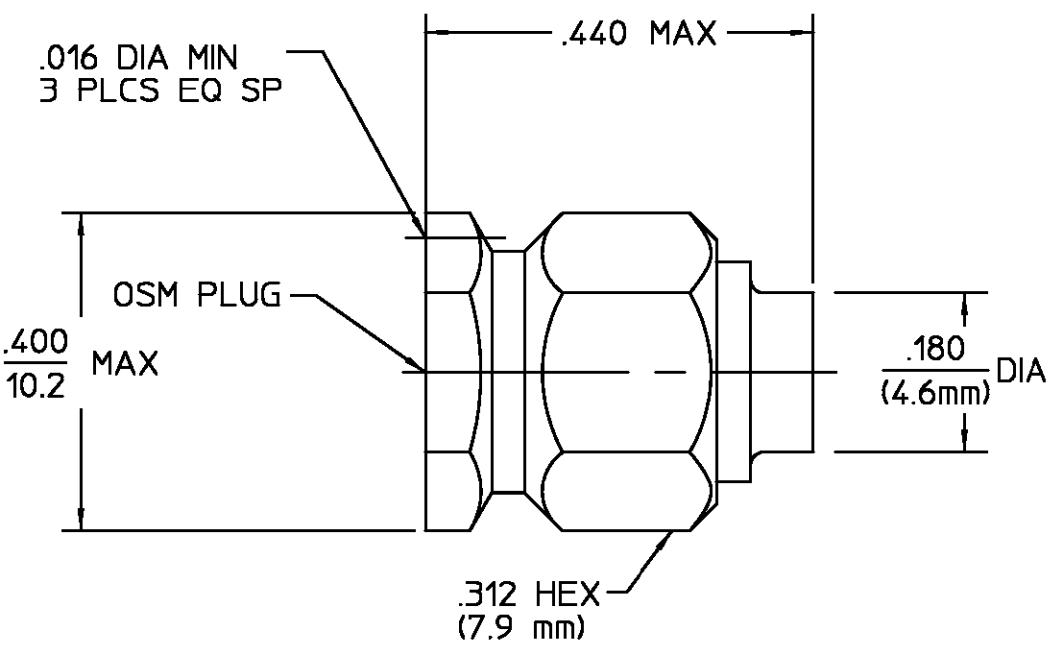


|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    | DESIGNED FOR USE WITH<br>.141 DIA S.R. CABLE<br>CABLE ENTRY DIAMETER<br>MINIMUM |            | REVISIONS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------|-------------------------------------------------------|----------------------------|--------------|-------------------------------------------------------|--------------------------|------------|----------------------------------|-----|----------------|------------------------------------------------------------|----------------------------|----------------|------------------------------------------------------------|-----|--------|------------------------------|-----|-----------|----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|------------------------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------------------------------------------------------|--------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------|--|------------------------------------------------------|--|--|--------------------------------------------------------------------------------|--|--|-----------|-------------------------|--------------|-----------|--------------|--------------|--|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    | CONTACT .039<br>HOUSING .144                                                    |            | REV           | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DATE                                                                                                                                                                                                                                                                                                                                                                                           | APPROVED                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                 |            | 01            | REDRAWN ON CAD ECN 94-0474                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2/10/95                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                 |            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
| <table><thead><tr><th>ELECTRICAL</th><th>MECHANICAL</th><th>ENVIRONMENTAL</th></tr></thead><tbody><tr><td>Nominal Impedance (Ohms) 50<br/>Frequency Range (GHz) DC to 18.0<br/>Volt Rating (VRMS MAX)<br/>Sea Level 500<br/>VSWR 1.05 + .008f(GHz)<br/>Insertion Loss (dB MAX) .03 √f(GHz)<br/>RF Leakage (dB MIN) -(90-f(GHz))<br/>Corona, 70,000 Ft (VRMS MIN) 375<br/>Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1000<br/>Contact Resistance (Milliohms MAX)<br/>Center Contact 3.0<br/>Outer Contact 2.0<br/>Cable to Housing .05<br/>RF High Potential Sea Level (VRMS MIN 5 MHz) 1000<br/>I.R.(Megohms MIN) 5,000</td><td>Interface Dimensions MIL-STD-348, Fig. 310.1<br/>Recommended Mating<br/>Torque 7 to 10 in-LBs<br/>Mating Characteristics:<br/>Insertion (MAX Lbs) N/A<br/>Withdrawal (MIN Oz) N/A<br/>Force to Engage and Disengage (In/Lbs MAX) 2.0<br/>Center Contact Captivation<br/>Axial (Lbs) N/A<br/>Radial (In/Oz) N/A<br/>Cable Retention<br/>Axial Force (Lbs) 60<br/>Torque (In/Oz) 55<br/>Weight (Grams) T.B.D.</td><td>Temperature Rating -65°C to 105°C<br/>Vibration MIL-STD-202, Method 204, Condition D<br/>Shock MIL-STD-202, Method 213, Condition I<br/>Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 115°C<br/>Moisture Resistance MIL-STD-202, Method 106,<br/>Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray</td></tr></tbody></table> |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    | ELECTRICAL                                                                      | MECHANICAL | ENVIRONMENTAL | Nominal Impedance (Ohms) 50<br>Frequency Range (GHz) DC to 18.0<br>Volt Rating (VRMS MAX)<br>Sea Level 500<br>VSWR 1.05 + .008f(GHz)<br>Insertion Loss (dB MAX) .03 √f(GHz)<br>RF Leakage (dB MIN) -(90-f(GHz))<br>Corona, 70,000 Ft (VRMS MIN) 375<br>Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1000<br>Contact Resistance (Milliohms MAX)<br>Center Contact 3.0<br>Outer Contact 2.0<br>Cable to Housing .05<br>RF High Potential Sea Level (VRMS MIN 5 MHz) 1000<br>I.R.(Megohms MIN) 5,000 | Interface Dimensions MIL-STD-348, Fig. 310.1<br>Recommended Mating<br>Torque 7 to 10 in-LBs<br>Mating Characteristics:<br>Insertion (MAX Lbs) N/A<br>Withdrawal (MIN Oz) N/A<br>Force to Engage and Disengage (In/Lbs MAX) 2.0<br>Center Contact Captivation<br>Axial (Lbs) N/A<br>Radial (In/Oz) N/A<br>Cable Retention<br>Axial Force (Lbs) 60<br>Torque (In/Oz) 55<br>Weight (Grams) T.B.D. | Temperature Rating -65°C to 105°C<br>Vibration MIL-STD-202, Method 204, Condition D<br>Shock MIL-STD-202, Method 213, Condition I<br>Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 115°C<br>Moisture Resistance MIL-STD-202, Method 106,<br>Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray | <table><tbody><tr><td>HOUSING</td><td>STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303</td><td>GOLD PLATE PER MIL-G-45204</td></tr><tr><td>COUPLING NUT</td><td>STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303</td><td>PASSIVATE PER ASTM-A-380</td></tr><tr><td>DIELECTRIC</td><td>TFE FLUOROCARBON PER ASTM-D-1457</td><td>N/A</td></tr><tr><td>CENTER CONTACT</td><td>BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H</td><td>GOLD PLATE PER MIL-G-45204</td></tr><tr><td>RETAINING RING</td><td>BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H</td><td>N/A</td></tr><tr><td>GASKET</td><td>SILICONE RUBBER PER ZZ-R-765</td><td>N/A</td></tr><tr><td>COMPONENT</td><td>MATERIAL</td><td>FINISH</td></tr></tbody></table> |  | HOUSING | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303 | GOLD PLATE PER MIL-G-45204 | COUPLING NUT | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303 | PASSIVATE PER ASTM-A-380 | DIELECTRIC | TFE FLUOROCARBON PER ASTM-D-1457 | N/A | CENTER CONTACT | BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H | GOLD PLATE PER MIL-G-45204 | RETAINING RING | BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H | N/A | GASKET | SILICONE RUBBER PER ZZ-R-765 | N/A | COMPONENT | MATERIAL | FINISH | <table><tr><td rowspan="2">UNLESS OTHERWISE SPECIFIED<br/>DIMENSIONS ARE IN INCHES<br/>TOLERANCE ON<br/>FRAC. DEC. ANGLES<br/>± 1/64 ±.005 ± 1°</td><td>DRAWN BY<br/>TN</td><td>DATE<br/>7/22/82</td><td rowspan="2">AMP Incorporated<br/>140 Fourth Avenue<br/>Waltham, MA 02451-7599</td></tr><tr><td>CHECKED BY<br/>G.S.</td><td>7/20/82</td></tr><tr><td rowspan="3">These drawings and specifications are the property of Omni Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.</td><td>APPD BY<br/>RMF</td><td>7/23/82</td><td></td></tr><tr><td colspan="2">USE ASS'Y PROCEDURE<br/>408-04919<br/>NO. AP. (20-544)</td><td></td></tr><tr><td colspan="2">TITLE OSM STRAIGHT CABLE PLUG<br/>DIRECT SOLDER ATTACHMENT<br/>M39012B3002 CAT B</td><td></td></tr><tr><td>SIZE<br/>B</td><td>CODE IDENT NO.<br/>26805</td><td>2001-8002-92</td><td>REV<br/>01</td></tr><tr><td>SCALE<br/>5:1</td><td colspan="2">SHEET 1 OF 1</td><td></td></tr></table> |  |  |  | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCE ON<br>FRAC. DEC. ANGLES<br>± 1/64 ±.005 ± 1° | DRAWN BY<br>TN | DATE<br>7/22/82 | AMP Incorporated<br>140 Fourth Avenue<br>Waltham, MA 02451-7599 | CHECKED BY<br>G.S. | 7/20/82 | These drawings and specifications are the property of Omni Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission. | APPD BY<br>RMF | 7/23/82 |  | USE ASS'Y PROCEDURE<br>408-04919<br>NO. AP. (20-544) |  |  | TITLE OSM STRAIGHT CABLE PLUG<br>DIRECT SOLDER ATTACHMENT<br>M39012B3002 CAT B |  |  | SIZE<br>B | CODE IDENT NO.<br>26805 | 2001-8002-92 | REV<br>01 | SCALE<br>5:1 | SHEET 1 OF 1 |  |  |
| ELECTRICAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MECHANICAL                                                                                                                                                                                                                                                                                                                                                                                     | ENVIRONMENTAL                                                                                                                                                                                                                                                                                                                      |                                                                                 |            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
| Nominal Impedance (Ohms) 50<br>Frequency Range (GHz) DC to 18.0<br>Volt Rating (VRMS MAX)<br>Sea Level 500<br>VSWR 1.05 + .008f(GHz)<br>Insertion Loss (dB MAX) .03 √f(GHz)<br>RF Leakage (dB MIN) -(90-f(GHz))<br>Corona, 70,000 Ft (VRMS MIN) 375<br>Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1000<br>Contact Resistance (Milliohms MAX)<br>Center Contact 3.0<br>Outer Contact 2.0<br>Cable to Housing .05<br>RF High Potential Sea Level (VRMS MIN 5 MHz) 1000<br>I.R.(Megohms MIN) 5,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Interface Dimensions MIL-STD-348, Fig. 310.1<br>Recommended Mating<br>Torque 7 to 10 in-LBs<br>Mating Characteristics:<br>Insertion (MAX Lbs) N/A<br>Withdrawal (MIN Oz) N/A<br>Force to Engage and Disengage (In/Lbs MAX) 2.0<br>Center Contact Captivation<br>Axial (Lbs) N/A<br>Radial (In/Oz) N/A<br>Cable Retention<br>Axial Force (Lbs) 60<br>Torque (In/Oz) 55<br>Weight (Grams) T.B.D. | Temperature Rating -65°C to 105°C<br>Vibration MIL-STD-202, Method 204, Condition D<br>Shock MIL-STD-202, Method 213, Condition I<br>Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 115°C<br>Moisture Resistance MIL-STD-202, Method 106,<br>Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray |                                                                                 |            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
| HOUSING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303                                                                                                                                                                                                                                                                                                                                          | GOLD PLATE PER MIL-G-45204                                                                                                                                                                                                                                                                                                         |                                                                                 |            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
| COUPLING NUT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303                                                                                                                                                                                                                                                                                                                                          | PASSIVATE PER ASTM-A-380                                                                                                                                                                                                                                                                                                           |                                                                                 |            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
| DIELECTRIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TFE FLUOROCARBON PER ASTM-D-1457                                                                                                                                                                                                                                                                                                                                                               | N/A                                                                                                                                                                                                                                                                                                                                |                                                                                 |            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
| CENTER CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H                                                                                                                                                                                                                                                                                                                                     | GOLD PLATE PER MIL-G-45204                                                                                                                                                                                                                                                                                                         |                                                                                 |            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
| RETAINING RING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H                                                                                                                                                                                                                                                                                                                                     | N/A                                                                                                                                                                                                                                                                                                                                |                                                                                 |            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
| GASKET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SILICONE RUBBER PER ZZ-R-765                                                                                                                                                                                                                                                                                                                                                                   | N/A                                                                                                                                                                                                                                                                                                                                |                                                                                 |            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
| COMPONENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MATERIAL                                                                                                                                                                                                                                                                                                                                                                                       | FINISH                                                                                                                                                                                                                                                                                                                             |                                                                                 |            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCE ON<br>FRAC. DEC. ANGLES<br>± 1/64 ±.005 ± 1°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DRAWN BY<br>TN                                                                                                                                                                                                                                                                                                                                                                                 | DATE<br>7/22/82                                                                                                                                                                                                                                                                                                                    | AMP Incorporated<br>140 Fourth Avenue<br>Waltham, MA 02451-7599                 |            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CHECKED BY<br>G.S.                                                                                                                                                                                                                                                                                                                                                                             | 7/20/82                                                                                                                                                                                                                                                                                                                            |                                                                                 |            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
| These drawings and specifications are the property of Omni Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | APPD BY<br>RMF                                                                                                                                                                                                                                                                                                                                                                                 | 7/23/82                                                                                                                                                                                                                                                                                                                            |                                                                                 |            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | USE ASS'Y PROCEDURE<br>408-04919<br>NO. AP. (20-544)                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                    |                                                                                 |            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | TITLE OSM STRAIGHT CABLE PLUG<br>DIRECT SOLDER ATTACHMENT<br>M39012B3002 CAT B                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                    |                                                                                 |            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
| SIZE<br>B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CODE IDENT NO.<br>26805                                                                                                                                                                                                                                                                                                                                                                        | 2001-8002-92                                                                                                                                                                                                                                                                                                                       | REV<br>01                                                                       |            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |
| SCALE<br>5:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SHEET 1 OF 1                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                    |                                                                                 |            |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                                                       |                            |              |                                                       |                          |            |                                  |     |                |                                                            |                            |                |                                                            |     |        |                              |     |           |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                  |                |                 |                                                                 |                    |         |                                                                                                                                                                                                                                   |                |         |  |                                                      |  |  |                                                                                |  |  |           |                         |              |           |              |              |  |  |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2001-8002-92](#)