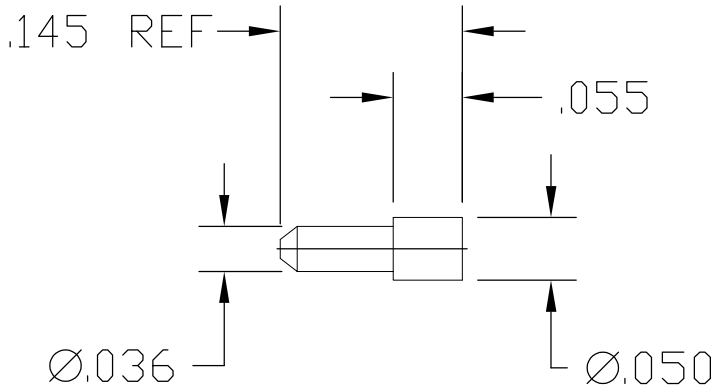
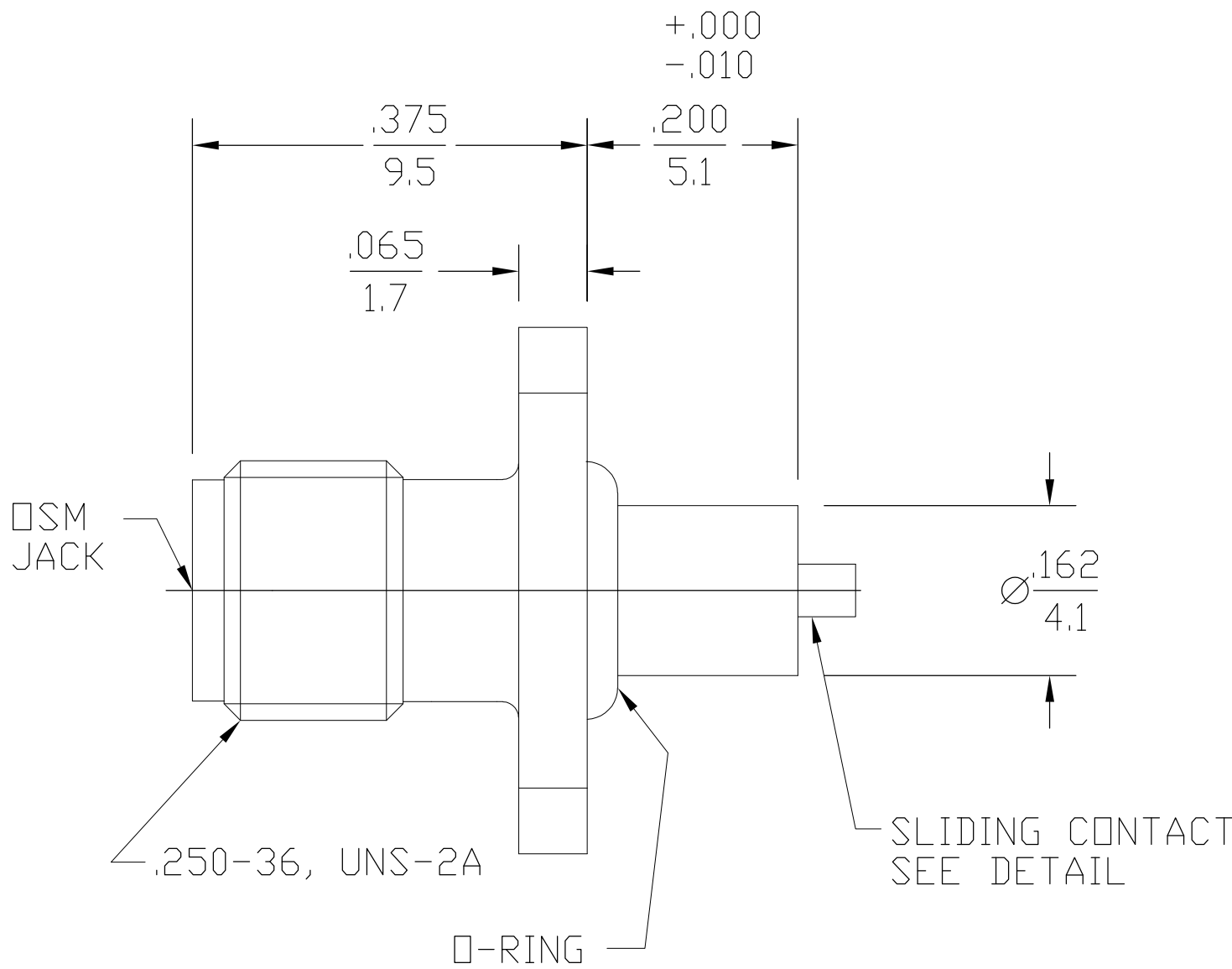
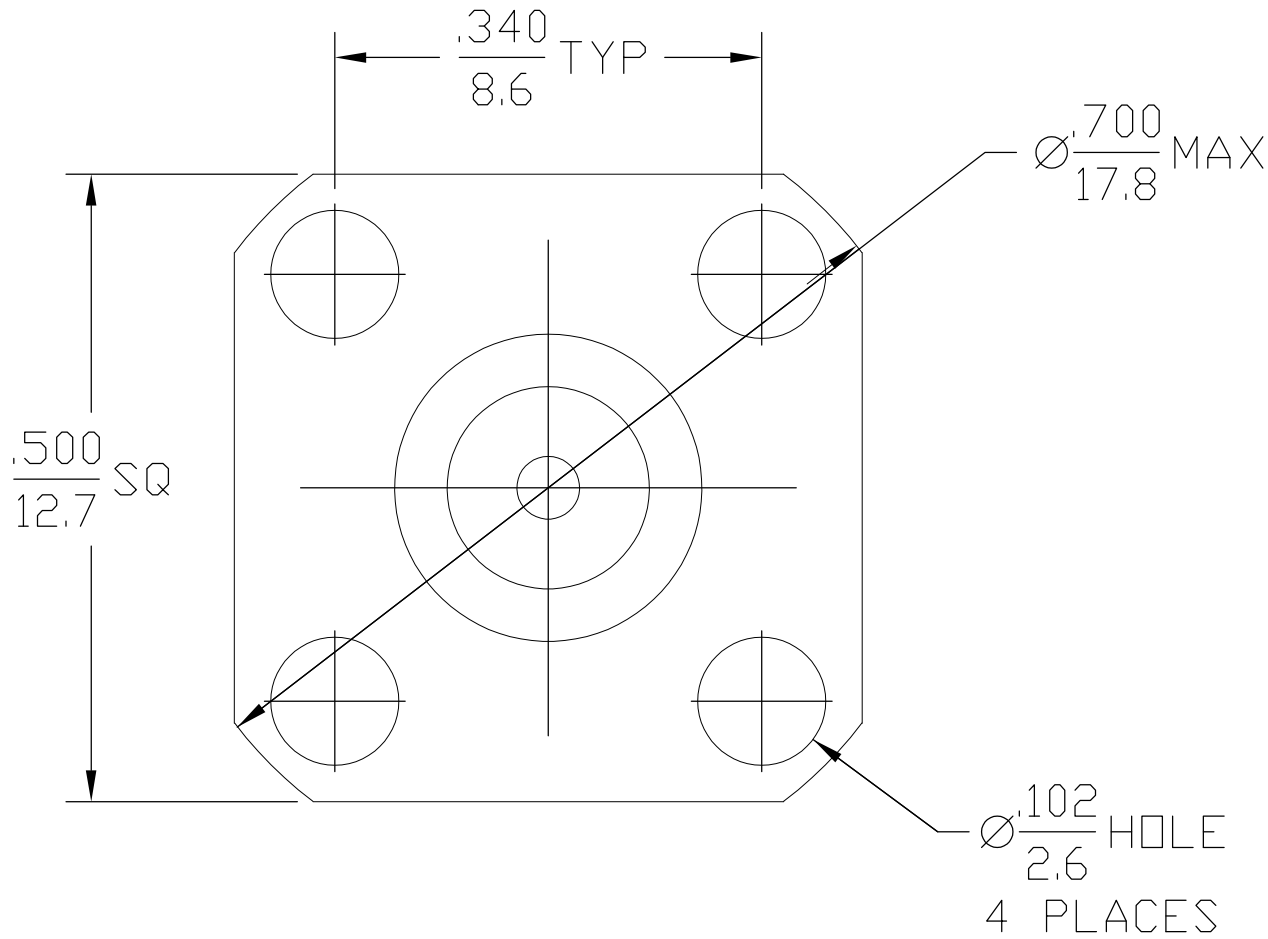


| LOC | DIST | REVISIONS |     |                       |         |     |      |
|-----|------|-----------|-----|-----------------------|---------|-----|------|
| AJ  | 00   | P         | LTR | DESCRIPTION           | DATE    | DWN | APVD |
|     |      |           | C   | REV PER ECO 09-013106 | 10JUL09 | PY  | DW   |



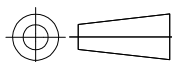
SLIDING CONTACT  
DETAIL  
ALL DIMENSIONS  
REF ONLY



| ELECTRICAL                                                  | MECHANICAL                                      | ENVIRONMENTAL                                                   |
|-------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------|
| Nominal Impedance (Ohms) 50                                 | Interface Dimensions MIL-STD-348, Fig.310-2     | TEMPERATURE RATING -65°C TO 125°C                               |
| Frequency Range (GHz) DC to 14                              | Recommended Mating Torque N/A                   | Vibration MIL-STD-202, Method 204 204, Condition B              |
| Volt Rating (VRMS MAX) @ Sea Level 335                      | Mating Characteristics: Insertion (MAX Lbs) 3.0 | Shock MIL-STD-202, Method 213, Condition I                      |
| VSWR N/A                                                    | Withdrawal (MIN Oz) 1.0                         | Thermal Shock MIL-STD-202, Method 107, Condition B,             |
| Insertion Loss (dB MAX) N/A                                 | Force to Engage and Disengage (In/Lbs MAX) 2    | Moisture Resistance MIL-STD-202, Method 106, Except Vibration   |
| RF Leakage (dB MIN) N/A                                     | Center Contact Captivation Axial (Lbs) 6.0      | Shall Be Omitted                                                |
| Corona, 70,000 Ft (VRMS MIN) 250                            | Radial (In/Oz) 4.0                              | Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000 | Weight (Grams) TBD                              |                                                                 |
| Contact Resistance (Milliohms MAX) Center Contact 3         |                                                 |                                                                 |
| Outer Contact 2                                             |                                                 |                                                                 |
| Cable to Housing N/A                                        |                                                 |                                                                 |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670        |                                                 |                                                                 |
| I.R.(Megohms MIN) 5000                                      |                                                 |                                                                 |

.XXX = in  
XX.X = mm (REF)

|                |                                                                                                          |                               |
|----------------|----------------------------------------------------------------------------------------------------------|-------------------------------|
|                |                                                                                                          | 1091666-1                     |
|                |                                                                                                          | PART NUMBER                   |
| HOUSING        | STAINLESS STEEL PER<br>ASTM-A484 AND ASTM-<br>A582, TYPE 303                                             | PASSIVATE PER<br>QQ-P-35      |
| DIELECTRIC     | PTFE FLUOROCARBON<br>PER ASTM-D-1457                                                                     | N/A                           |
| CENTER CONTACT | BERYLLIUM COPPER PER<br>ASTM-B-196 OR ASTM-B-197,<br>ALLOY C17300, CONDITION H<br>OR BRASS PER ASTM-B-16 | GOLD PLATE PER<br>MIL-G-45204 |
| O-RING         | ETHYLENE PROPYLENE PER<br>ASTM D2000                                                                     | N/A                           |
| COMPONENT      | MATERIAL                                                                                                 | FINISH                        |

|                                                                                       |        |                  |         |                                                                                                                                                 |           |            |               |     |   |
|---------------------------------------------------------------------------------------|--------|------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|---------------|-----|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |        | DWN<br>DC        | 5/16/97 |  Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |           |            |               |     |   |
| DIMENSIONS:<br>INCHES                                                                 |        | CHK              | -       | NAME                                                                                                                                            |           |            |               |     |   |
|  |        | APVD             | 8/21/97 | OSM 4 HOLE FLANGE MOUNT JACK<br>RECEPTACLE WITH SLIDING CONTACT                                                                                 |           |            |               |     |   |
|                                                                                       |        | PRODUCT SPEC     |         | -                                                                                                                                               |           |            |               |     |   |
|                                                                                       |        | APPLICATION SPEC |         | -                                                                                                                                               |           |            |               |     |   |
|                                                                                       |        | -                |         | -                                                                                                                                               |           |            |               |     |   |
| MATERIAL                                                                              | FINISH | WEIGHT           | -       | SIZE                                                                                                                                            | CAGE CODE | DRAWING NO | RESTRICTED TO |     |   |
| -                                                                                     | -      |                  |         | A2                                                                                                                                              | 00779     | C=1091666  | -             |     |   |
| CUSTOMER DRAWING                                                                      |        |                  |         | SCALE                                                                                                                                           | 5:1       | SHEET      | 1 OF 1        | REV | C |

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