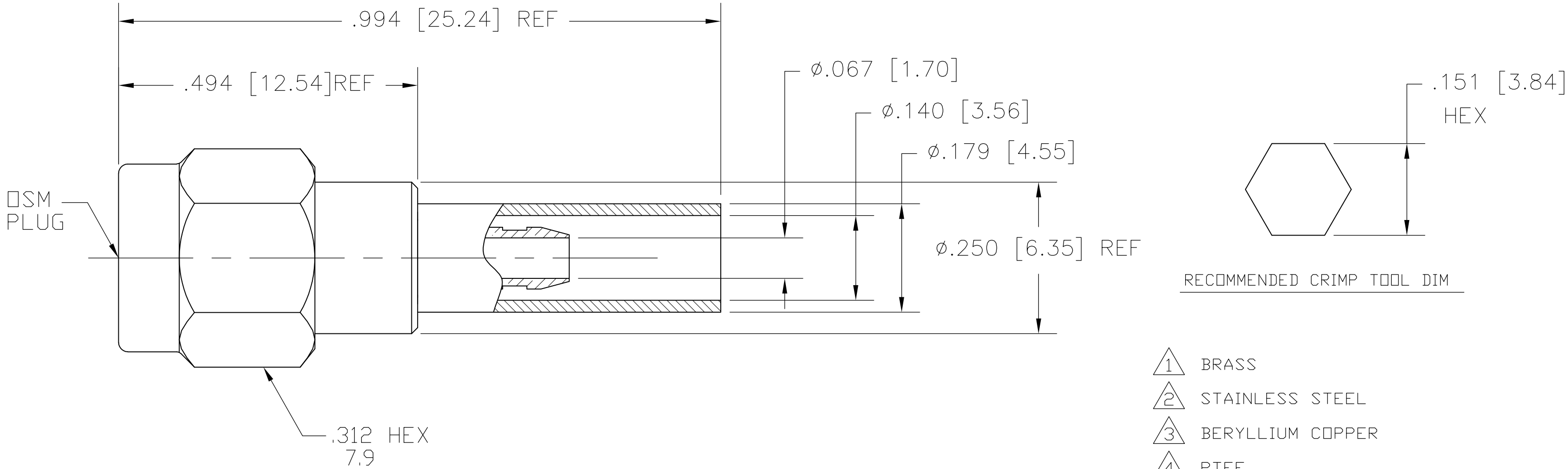


| LOC | DIST | REVISIONS |     |                           |           |     |      |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
|     |      | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
| AJ  | 00   |           | A1  | REVISED PER ECO-09-026299 | 26Nov2009 | AM  | BOB  |



- 1 BRASS
- 2 STAINLESS STEEL
- 3 BERYLLIUM COPPER
- 4 PTFE
- 5 SILICONE RUBBER
- 6 GOLD PLATE
- 7 NICKEL PLATE
- 8 PASSIVATE

| ELECTRICAL                                                 | MECHANICAL                                    | ENVIRONMENTAL                                                                                           |
|------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Nominal Impedance (Ohms) 50                                | Interface Dimensions MIL-STD-348A, Fig. 310.1 | TEMPERATURE RATING -65° TO +165°<br><br>DURABILITY:500 CYCLES<br><br><div>.XXX = in<br/>X.XX = mm</div> |
| Frequency Range (GHz) DC to 12.4                           | Recommended Mating Torque 7-10 In-Lbs         |                                                                                                         |
| Volt Rating (VRMS MAX) @ Sea Level 250                     | Mating Characteristics:                       |                                                                                                         |
| VSWR 1.15 + .02f(GHz)                                      | Insertion (MAX Lbs) N/A                       |                                                                                                         |
| Insertion Loss (dB MAX) .07 √f GHz                         | Withdrawal (MIN Oz) N/A                       |                                                                                                         |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750 | Force to Engage and Disengage (In-Lbs MAX) 2  |                                                                                                         |
| Contact Resistance (Milliohms MAX) Center Contact 5.0      | Center Contact Captivation Axial (Lbs) 6 Min  |                                                                                                         |
| Outer Contact 3.0                                          | Radial (In-Oz) N/A                            |                                                                                                         |
| Cable to Housing 0.5                                       | Cable Retention                               |                                                                                                         |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500       | Axial Force (Lbs) 20 MIN                      |                                                                                                         |
| I.R.(Megohms MIN) 10,000                                   | Torque (In-Oz) N/A                            |                                                                                                         |
|                                                            | Weight (Grams) TBD                            |                                                                                                         |

|         |              |            |                |         |                |        |           |
|---------|--------------|------------|----------------|---------|----------------|--------|-----------|
| 1 7     | 1 7          | 4          | 1 6            | 1 7     | 3              | 5      | 1056436-3 |
| 2 8     | 2 8          | 4          | 1 6            | 1 7     | 3              | 5      | 1056436-1 |
| HOUSING | COUPLING NUT | DIELECTRIC | CENTER CONTACT | FERRULE | RETAINING RING | GASKET | TE PN.    |

|                                        |  |                           |                                                                                                                          |                 |                      |                 |        |
|----------------------------------------|--|---------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------|-----------------|--------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN ANSON MA 23Nov2009    | <div><div></div><div>Tyco Electronics</div></div> <div>Tyco Electronics Corporation<br/>Kunshan,Jiangsu,RPC 215312</div> |                 |                      |                 |        |
| DIMENSIONS: INCHES                     |  | CHK RITA ZUO 23Nov2009    |                                                                                                                          |                 |                      |                 |        |
|                                        |  | APVD BOB ZHAO 23Nov2009   | NAME OSM STRAIGHT CABLE(RD-316/U) PLUG CRIMP ATTACHMENT                                                                  |                 |                      |                 |        |
|                                        |  | PRODUCT SPEC 108-112002   |                                                                                                                          |                 |                      |                 |        |
| MATERIAL -                             |  | APPLICATION SPEC 408-4661 | SIZE A2                                                                                                                  | CAGE CODE 00779 | DRAWING NO C=1056436 | RESTRICTED TO - |        |
| FINISH -                               |  | WEIGHT -                  | CUSTOMER DRAWING                                                                                                         |                 | SCALE 5:1            | SHEET 1 of 1    | REV A1 |

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