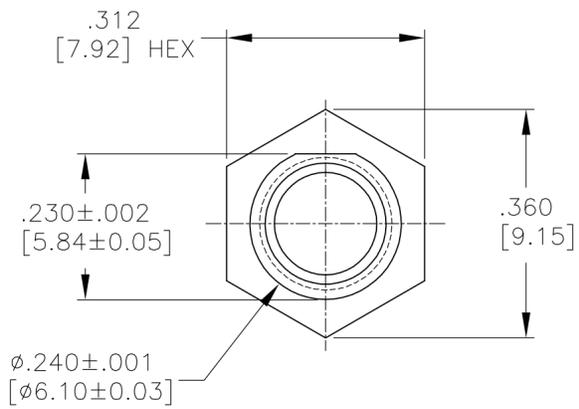


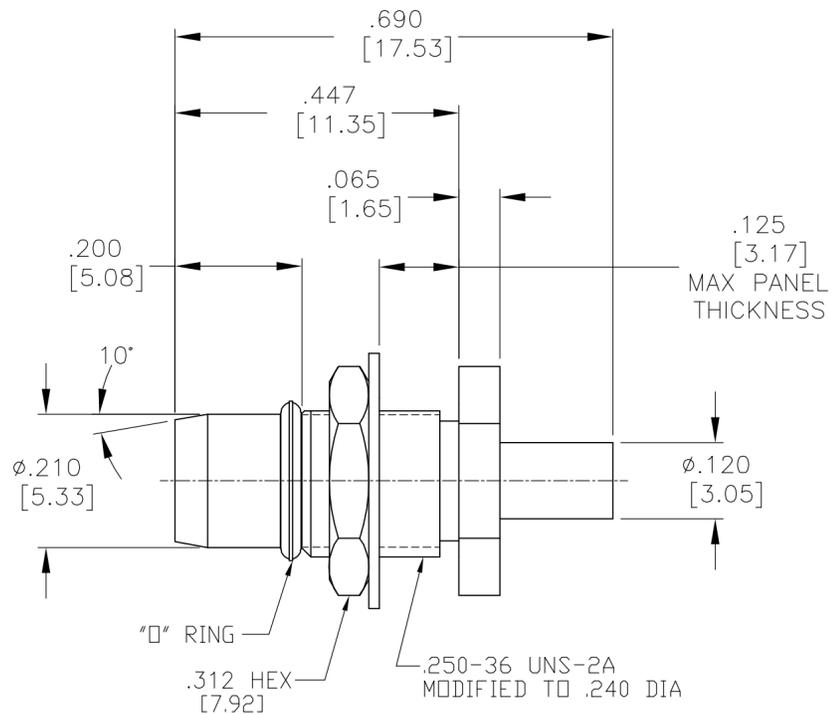
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| LOC |    | DIST |     | REVISIONS             |         |     |      |
|-----|----|------|-----|-----------------------|---------|-----|------|
| DF  | X0 | P    | LTR | DESCRIPTION           | DATE    | DWN | APVD |
|     |    | E    |     | REV PER ECO 06-005582 | 23MAR06 | PY  | RG   |

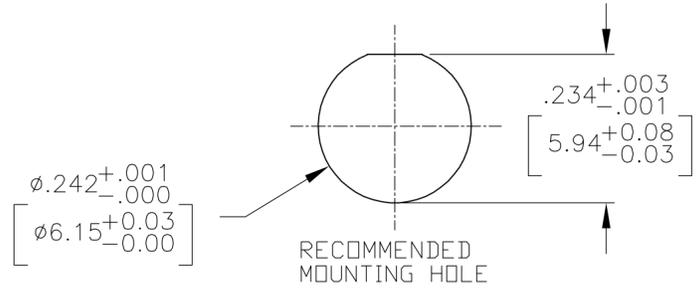
| COMPONENT                       | MATERIAL  | FINISH                     |
|---------------------------------|---|----------------------------|
| HOUSING MOUNTING NUT LOCKWASHER | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303                   | GOLD PLATE PER MIL-G-45204 |
| DIELECTRIC                      | TFE FLUOROCARBON PER ASTM-D-1457  | N/A                        |
| CENTER CONTACT                  | BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H | GOLD PLATE PER MIL-G-45204 |
| O-RING                          | NITRILE (BUNA-N) PER MIL-P-25732  | N/A                        |



VIEW SHOWN WITHOUT COUPLING NUT & WASHER



| ELECTRICAL  | MECHANICAL                                       | ENVIRONMENTAL                                      |
|---|--|--|
| NOMINAL IMPEDANCE (OHMS) <u>50 ± 1</u>                                | Interface Dimensions Per MIL-STD-348A Fig. 321.1 | TEMPERATURE RATING <u>-65° TO +125°C</u>           |
| Frequency Range (GHz) DC to <u>22</u>                                 | Mating Characteristics:                          | Vibration MIL-STD-202, Method 204, Condition D     |
| Volt Rating (VRMS MAX) @ Sea Level <u>335</u>                         | Insertion (MAX Lbs) <u>N/A</u>                   | Shock MIL-STD-202, Method 213, Condition I         |
| VSWR <u>1.05+0.05f(GHz) DC to 18 GHz</u>                              | Withdrawal (MIN Oz) <u>N/A</u>                   | Thermal Shock MIL-STD-202, Method 107, Condition B |
| <u>1.05+0.09f(GHz) DC to 22 GHz</u>                                   | Force to Engage (In-Lbs MAX) <u>N/A</u>          | Moisture Resistance MIL-STD-202, Method 106        |
| Insertion Loss (dB MAX) <u>.03x√f(GHz)</u>                            | & Disengage (In-Lbs MAX) <u>N/A</u>              | Corrosion - MIL-STD-202, Method 101, Condition B   |
| RF Leakage (dB MIN) (Interface Only, Fully Mated) <u>-[90-f(GHz)]</u> | Center Contact Captivation Axial (Lbs) <u>6</u>  |  |
| Corona, 70,000 Ft (VRMS MIN) <u>335</u>                               | Cable Retention Axial Force (Lbs MIN) <u>30</u>  |  |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>    | Torque (In-Oz MIN) <u>16</u>                     |  |
| Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u>          | Weight (Grams) <u>2.7</u>                        |  |
| Outer Contact <u>2.0</u>  |  |  |
| Cable to Housing <u>0.5</u>   |  |  |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>           |  |  |
| I.R.(Megohms MIN) <u>5000</u>   |  |  |



RECOMMENDED MOUNTING HOLE

|   |                    |                           |  |
|---|--------------------|---------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.              |                    | DWN C.C.THOMAS 16FEB04    | Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3608        |
| DIMENSIONS: INCHES [mm]                             |                    | CHK R.GROSS 2-16-04       |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:              |                    | APVD R.GROSS 2-16-04      | NAME OSP BULKHEAD FEED-THRU CABLE PLUG, DIRECT SOLDER ATTACHMENT |
| DESIGNED FOR USE WITH Ø.085 [2.16] SEMI-RIGID CABLE |                    | APPLICATION SPEC 408-8265 |  |
| CABLE ENTRY DIAMETER MINIMUM                        |                    | WEIGHT 2.7 Grams          | SIZE A2  |
| HOUSING .089 [2.26]                                 | MATERIAL SEE TABLE | CUSTOMER DRAWING          | CAGE CODE 00779  |
| CONTACT .0215 [0.546]                               | FINISH SEE TABLE   | SCALE 5:1                 | DRAWING NO. 1757046  |
| RESTRICTED TO                                       |                    |                           | SHEET 1 OF 1   |

1757046

1757046-1  
 PART NO.