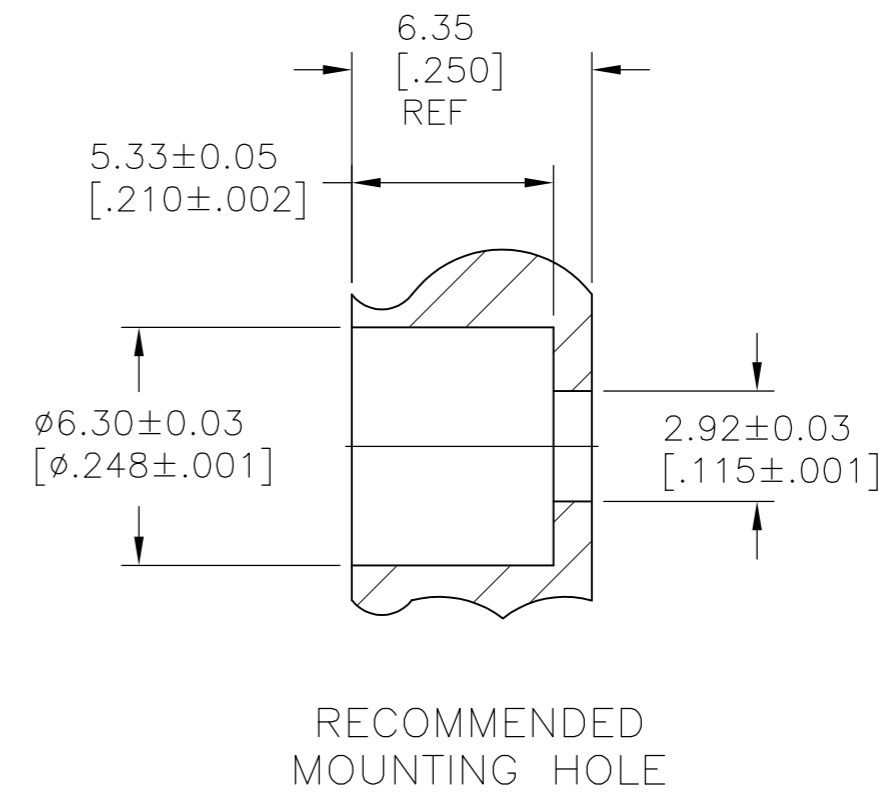
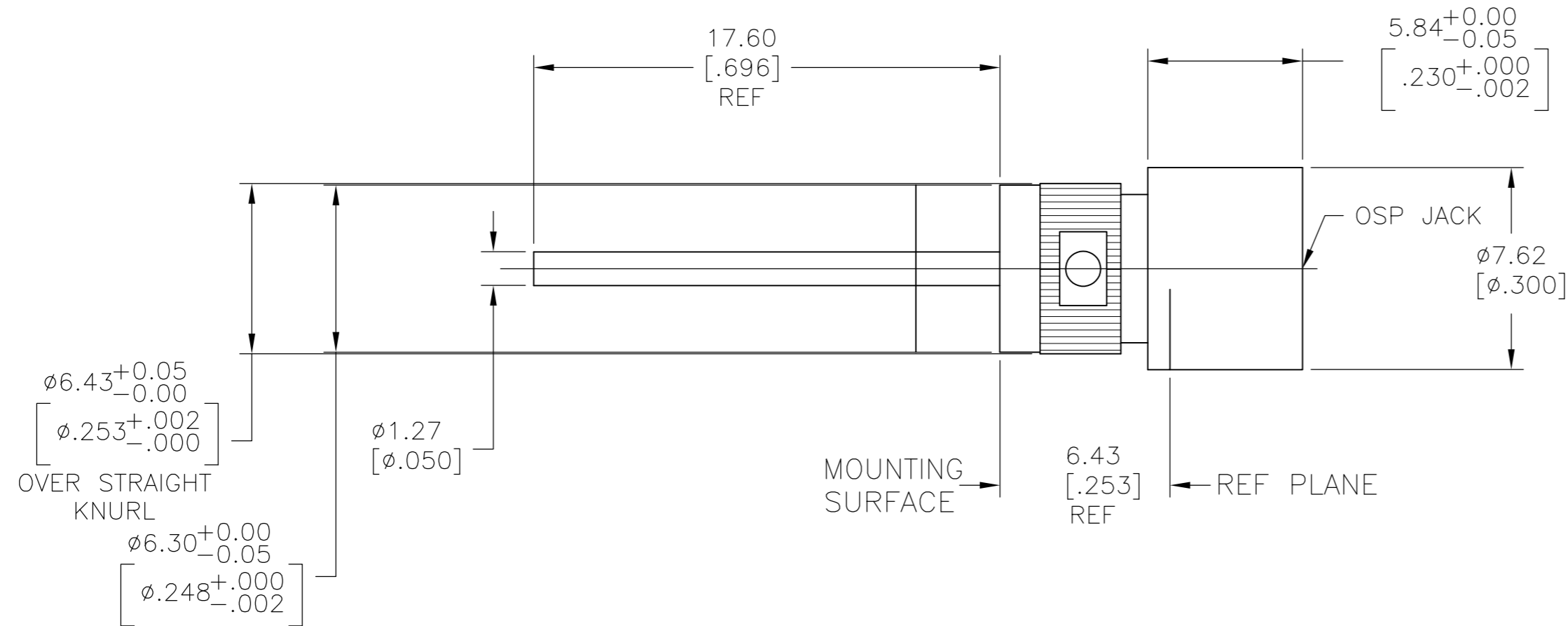


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| LOC |     | DIST                      |         | REVISIONS |      |  |  |
|-----|-----|---------------------------|---------|-----------|------|--|--|
| P   | LTR | DESCRIPTION               | DATE    | DWN       | APVD |  |  |
| B   |     | REVISED EPR ECO-11-002638 | 10FEB11 | HMR       | JO   |  |  |



| ELECTRICAL   | MECHANICAL   | ENVIRONMENTAL  |
|--|--|--|
| Nominal Impedance (Ohms) <u>50</u>   | Interface Dimensions Per MIL-STD-348A<br><u>FIG. 321-2</u>                           | TEMPERATURE RATING <u>-65° TO +125°C</u>                     |
| Frequency Range (GHz) DC to <u>18</u>  | Mating Characteristics:  | Vibration MIL-STD-202, Method<br><u>204, Condition D</u>     |
| Volt Rating (VRMS MAX)<br>@ Sea Level <u>500</u>   | Insertion (MAX Lbs) <u>3</u>   | Shock MIL-STD-202, Method 213,<br><u>Condition I</u>         |
| VSWR <u>1.05+0.005f(GHz)</u>   | Withdrawal (MIN Oz) <u>1</u>   | Thermal Shock MIL-STD-202,<br><u>Method 107, Condition B</u> |
| Insertion Loss (dB MAX) <u>.03x √f(GHz)</u>  | Force to Engage (Lbs MAX) <u>3</u><br>& Disengage (Lbs MAX) <u>1.5</u>               | Moisture Resistance MIL-STD-202,<br><u>Method 106</u>        |
| RF Leakage (dB MIN) (Interface Only,<br>Fully Mated) <u>-(90-f(GHz))</u>   | Center Contact Captivation<br>Axial (Lbs) <u>6</u>                                   | Corrosion - MIL-STD-202, Method<br><u>101, Condition B</u>   |
| Corona, 70,000 Ft (VRMS MIN) <u>335</u>  | Cable Retention<br>Axial Force (Lbs MIN) <u>N/A</u><br>Torque (In-Oz MIN) <u>N/A</u> |  |
| Dielectric Withstanding Voltage<br>(VRMS MIN) @ Sea Level <u>1000</u>  | Weight (Grams) <u>TBD</u>  |  |
| Contact Resistance (Milliohms MAX)<br>Center Contact <u>2.0</u><br>Outer Contact <u>2.0</u><br>Cable to Housing <u>N/A</u> |  |  |
| RF High Potential @ Sea Level<br>(VRMS MIN @ 5 MHz) <u>1000</u>  |  |  |
| I.R.(Megohms MIN) <u>5000</u>  |  |  |

.XXX = in  
 XX.X = mm

| COMPONENT      | MATERIAL   | FINISH                        |
|----------------|--|-------------------------------|
| HOUSING        | STAINLESS STEEL PER<br>ASTM-A484 AND ASTM-A582,<br>TYPE 303                    | ASSIVATE PER<br>QQ-P-35       |
| DIELECTRIC     | TFE 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 | GOLD PLATE PER<br>MIL-G-45204 |
| CONTACT RING   | BERYLLIUM COPPER PER<br>ASTM-B-194, ALLOY<br>C17200, CONDITION H               | GOLD PLATE PER<br>MIL-G-45204 |

|   |  |                                  |   |                    |
|---|--|----------------------------------|---|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.    |  | DWN<br>RAGHAVENDRA<br>10FEB11    | Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608       |                    |
| DIMENSIONS:<br>mm [INCHES]                |  | CHK<br>ORNER JEFFREY<br>10FEB11  | NAME<br>OSP PANEL FEEDTHRU<br>JACK RECEPTACLE STRAIGHT TERMINAL |                    |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  | APVD<br>ORNER JEFFREY<br>10FEB11 | SIZE<br>A2  | CAGE CODE<br>00779 |
| 0 PLC ± -                                 |  | PRODUCT SPEC                     | DRAWING NO<br>C=1081368   | RESTRICTED TO      |
| 1 PLC ± -                                 |  | APPLICATION SPEC                 | SCALE<br>5:1  | SHEET<br>1 of 1    |
| 2 PLC ± -                                 |  | WEIGHT                           | REV<br>B  |                    |
| 3 PLC ± 0.13[.005]                        |  | CUSTOMER DRAWING                 |   |                    |
| 4 PLC ± - ± 1°                            |  |                                  |   |                    |
| MATERIAL                                  |  |                                  |   |                    |
| FINISH                                    |  |                                  |   |                    |