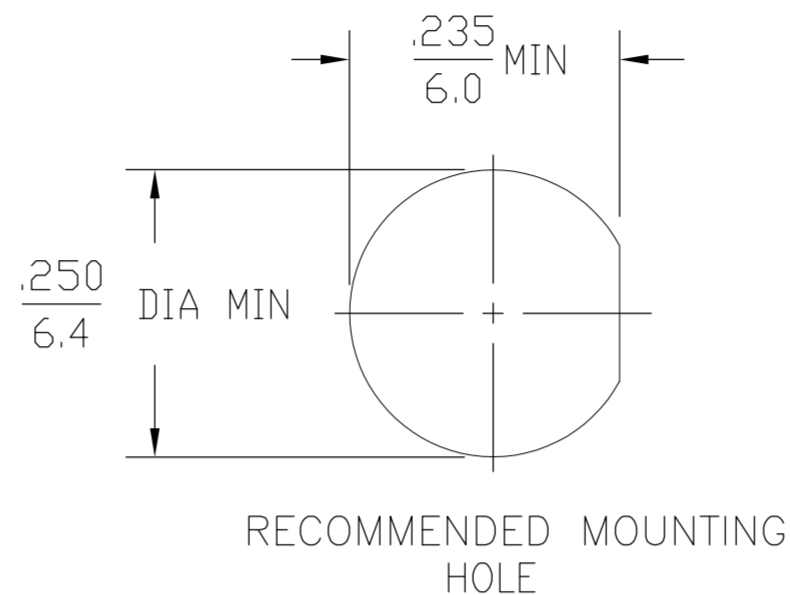
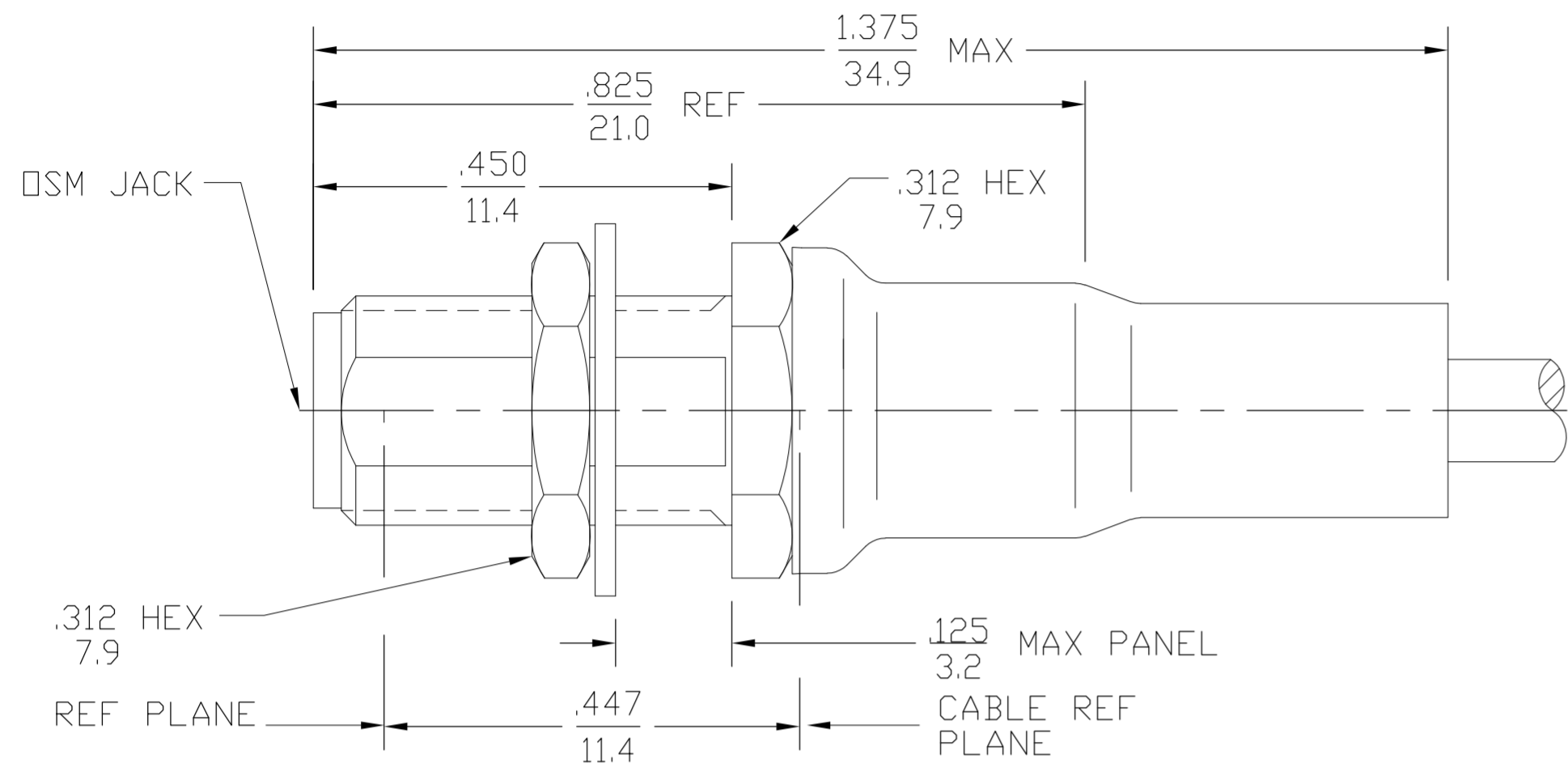


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| CABLE ENTRY DIAMETER MINIMUM | |
|------------------------------|------|
| HOUSING | .065 |
| CONTACT | .021 |
| FERRULE | .126 |

LOC AJ
 DIST 00

| REVISIONS | | | | | |
|-----------|-----|---------------------------|----------|-----|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| A | | REVISED PER ECN 94-0474 | 07-28-95 | | BAH |
| B | | REVISED PER ECO-08-030676 | 02-24-09 | AEG | JKO |



- ① BRASS
- ② STAINLESS STEEL
- ③ BERYLLIUM COPPER
- ④ PTFE
- ⑤ GOLD PLATE
- ⑥ POLYOLEFIN COMPOUND
- ⑦ BRASS OR COPPER

DESIGNED FOR USE WITH RG 188/U AND OTHER CABLES HAVING SIMILAR DIAS.

| ELECTRICAL | MECHANICAL | ENVIRONMENTAL |
|---|--|--|
| Nominal Impedance (Ohms) <u>50</u> | Interface Dimensions MIL-STD-348A, Fig. 310-2 | TEMPERATURE RATING <u>-65°C TO +165°C</u> |
| Frequency Range (GHz) DC to 12.4GHz | Recommended Mating Torque <u>7-10 IN.LBS.</u> | Vibration MIL-STD-202, Method 204, Condition D |
| Volt Rating (VRMS MAX) @ Sea Level <u>250</u> | Mating Characteristics: Insertion (MAX Lbs) <u>2.0</u> | Shock MIL-STD-202, Method 213, Condition I |
| VSWR <u>1.15+0.02(F)GHz</u> | Withdrawal (MIN Oz) <u>1.0</u> | Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +85°C |
| Insertion Loss (dB MAX) <u>.06 √F(GHz)</u> | Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u> | Moisture Resistance MIL-STD-202, Method 106 |
| RF Leakage (dB MIN) <u>-60dB</u> | Center Contact Captivation Axial (Lbs) <u>N/A</u> | Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u> | Radial (In-Oz) <u>N/A</u> | |
| Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u> | Cable Retention Axial Force (Lbs) <u>20</u> | |
| Outer Contact <u>2.0</u> | Torque (In-Oz) <u>N/A</u> | |
| Cable to Housing <u>0.5</u> | Weight (Grams) <u>TBD</u> | |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>500</u> | | |
| I.R.(Megohms MIN) <u>5,000</u> | | |

| | | | | | | | |
|-------------|---------|---------|---------|------------|-------------|--------------|-----------|
| ⑥ | ⑦⑤ | ③⑤ | ①⑤ | ④ | ② | ①⑤ | 1051942-4 |
| ⑥ | ⑦⑤ | ③⑤ | ②⑤ | ④ | ② | ②⑤ | 1051942-1 |
| SHRINK TUBE | FERRULE | CONTACT | HOUSING | DIELECTRIC | LOCK WASHER | MOUNTING NUT | TE PN |

| | | | | |
|--|--|-------------------|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN K.L. 12/22/70 | Tyco Electronics Corporation Harrisburg, PA 17105-3608 | |
| DIMENSIONS: INCHES | | CHK BWC 12/28/70 | NAME OSM STRAIGHT BULKHEAD CABLE JACK-SOLDER ATTACHMENT-NCC | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD PRB 12/28/70 | SIZE A2 CAGE CODE 00779 DRAWING NO C=1051942 | |
| 0 PLC ± - | | PRODUCT SPEC | RESTRICTED TO | |
| 1 PLC ± - | | APPLICATION SPEC | SCALE 5:1 SHEET 1 of 1 REV B | |
| 2 PLC ± - | | WEIGHT - | | |
| 3 PLC ± .005 | | CUSTOMER DRAWING | | |
| 4 PLC ± - | | | | |
| ANGLES ± 1° | | | | |
| FINISH - | | | | |