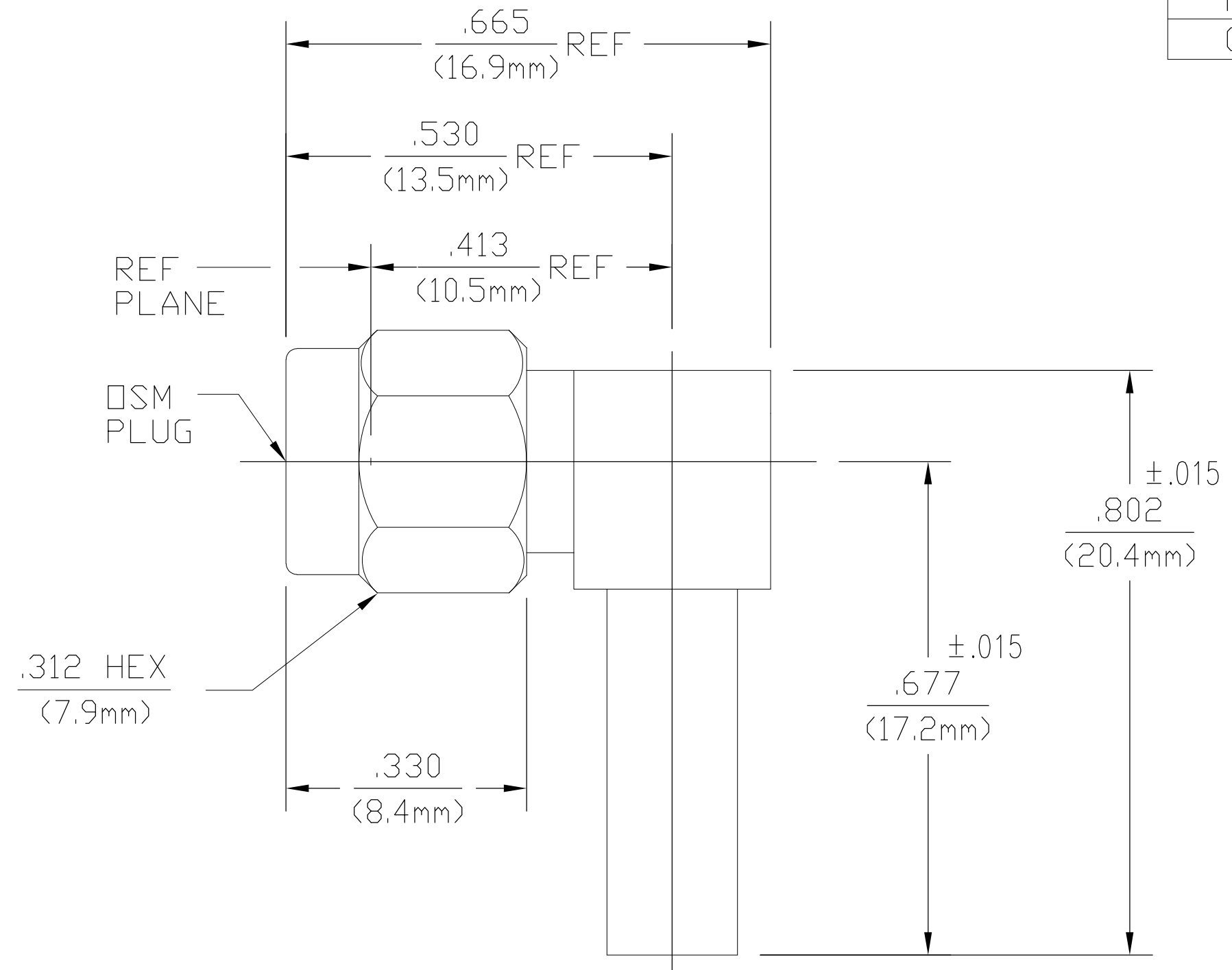


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| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|-----------------------|----------|-------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| AJ | 00 | B | REV PER ECO 07-004710 | 3/1/2007 | DW KW |

| | |
|--|------|
| DESIGNED FOR USE WITH RD316/U (DOUBLE BRAID) | |
| CABLE ENTRY DIAMETER MINIMUM | |
| FERRULE | .137 |
| HOUSING | .062 |
| CONTACT | .041 |



1056456-1
PART NUMBER

| COMPONENT | MATERIAL | FINISH |
|--------------------------------|---|---|
| HOUSING COUPLING NUT CAP | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303 | PASSIVATE PER ASTM-A380 |
| DIELECTRIC | TFE FLUOROCARBON PER ASTM-D-1457 | N/A |
| CENTER CONTACT | BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H OR BRASS PER ASTM-B-16 | GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290 |
| RETAINING RING | BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H | N/A |
| GASKET | SILICONE RUBBER PER ZZ-R-765 | N/A |
| FERRULE | COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM | NICKEL PLATE PER QQ-N-290 OVER COPPER PLATE PER MIL-C-14550 |

| ELECTRICAL | MECHANICAL | ENVIRONMENTAL |
|--|---|--|
| Nominal Impedance (Ohms) 50 | Interface Dimensions MIL-STD-348A, Fig. 310.1 | TEMPERATURE RATING -65°C TO +165°C |
| Frequency Range (GHz) DC to 12.4 | Recommended Mating Torque 7-10 In-Lbs | Vibration MIL-STD-202, Method 204, Condition D |
| Volt Rating (VRMS MAX) @ Sea Level 250 | Mating Characteristics: Insertion (MAX Lbs) N/A | Shock MIL-STD-202, Method 213, Condition I |
| VSWR 1.18+.02f(GHz) | Withdrawal (MIN Oz) N/A | Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +85°C |
| Insertion Loss (dB MAX) .07√f(GHz) | Force to Engage and Disengage (In-Lbs MAX) 2.0 | Moisture Resistance MIL-STD-202, Method 106 |
| RF Leakage (dB MIN) -(60-fGHz) | Center Contact Captivation Axial (Lbs) 6.0 | Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray |
| Corona, 70,000 Ft (VRMS MIN) 190 | Radial (In-Oz) N/A | |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750 | Cable Retention Axial Force (Lbs) 25 Min | |
| Contact Resistance (Milliohms MAX) Center Contact 2.0 | Torque (In-Oz) N/A | |
| Outer Contact 2.0 | Weight (Grams) TBD | |
| Cable to Housing 0.5 | | |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500 | | |
| I.R.(Megohms MIN) 10,000 | | |

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN BB 2/1/93
 CHK -
 APVD DC 2/3/93

tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608

NAME: OSM RIGHT ANGLE CABLE PLUG CRIMP ATTACHMENT

SIZE: A2 CAGE CODE: 00779 DRAWING NO: C=1056456 RESTRICTED TO: -

SCALE: 4:1 SHEET: 1 of 1 REV: B

CUSTOMER DRAWING