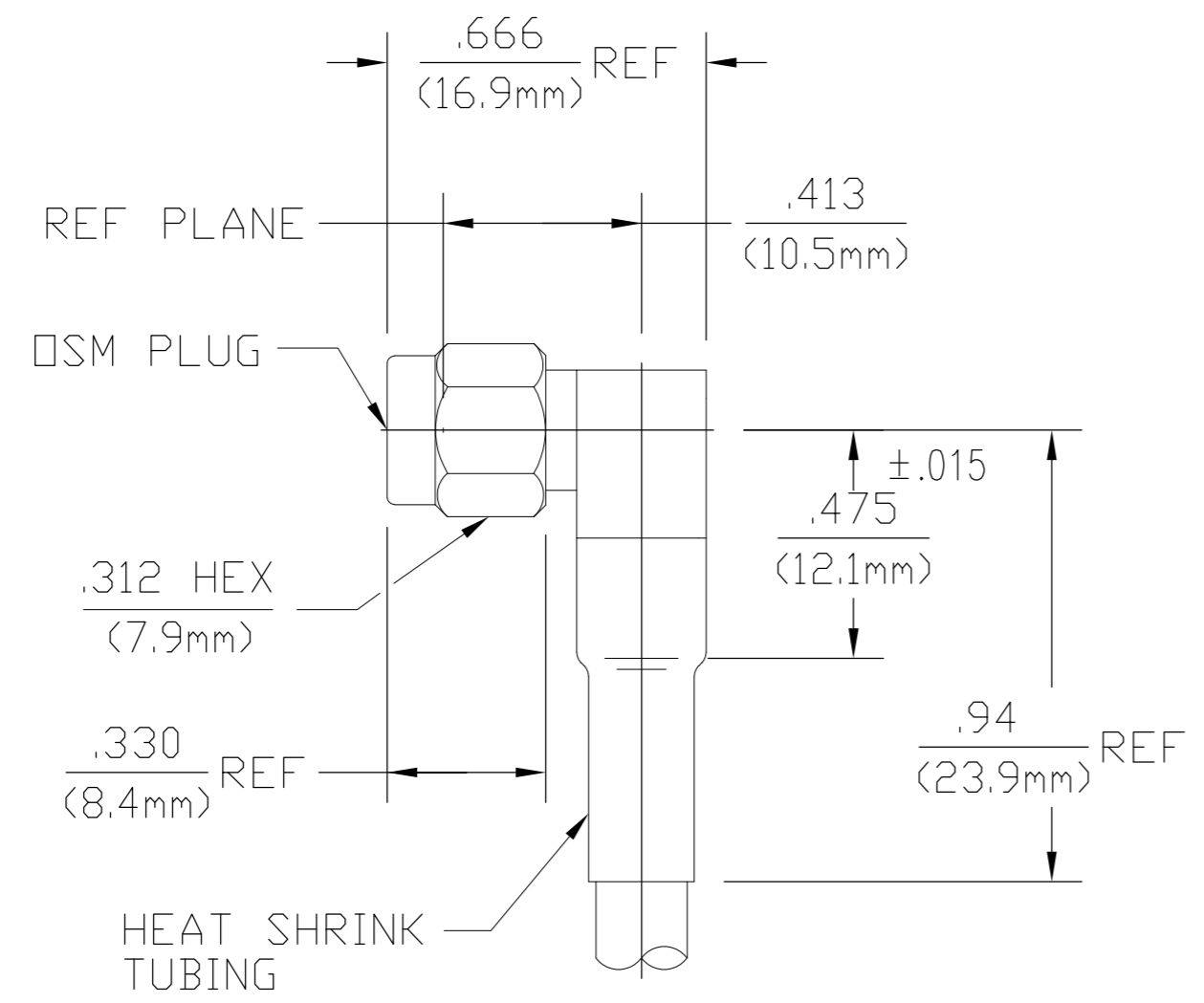


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DESIGNED FOR USE WITH
 RG-55/U, 142, 223 & 400
 FLEXIBLE CABLES
 CABLE ENTRY DIAMETER
 MINIMUM

| | |
|---------|------|
| CONTACT | .040 |
| HOUSING | .121 |

| LOC | DIST | REVISIONS | | | |
|-----|------|-----------------------|----------|-----|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | B | REV PER ECO 07-004710 | 3/9/2007 | DW | KW |



1052072-1
 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 |
| SHRINK TUBING | HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4 | N/A |
| FERRULE | COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM | GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550 |

| ELECTRICAL | MECHANICAL | ENVIRONMENTAL |
|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Nominal Impedance (Ohms) 50 | Interface Dimensions MIL-STD-348, Fig. 310.1 | Temperature Rating -65°C TO 125°C |
| Frequency Range (GHz) Max operating frequency of cable per MIL-C-17 | Recommended Mating Torque 7 to 10 Inch-Pounds | Vibration MIL-STD-202, Method 204, Cond. D |
| Voltage Rating (VRMS MIN) 335 @ Sea Level | Mating Characteristics: Insertion (MAX Lbs) N/A Withdrawal (MIN Oz) N/A | Shock MIL-STD-202, Method 213, Cond. I |
| VSWR 1.15+.02f(GHz) | Force to Engage and Disengage (In/Lbs MAX) 2.0 | Thermal shock MIL-STD-202 Method 107, Cond. B except HIGH TEMP SHALL BE 115°C |
| Insertion Loss(dB MAX) .07 f(GHz) | Center Contact Captivation: Axial (Lbs) 6.0 Radial (Inch-Ounces) 4.0 | Moisture Resistance MIL-STD-202, Method 106, except step 7b (vibration) shall be omitted |
| Rf Leakage (dB MIN) -[60-f(GHz)] | Cable Retention Axial (Lbs) 40 Min(45 Min when used with double braid cable) | Corrosion MIL-STD-202, Method 101, Cond. B, 5% salt spray |
| Corona, 70,000 Ft (VRMS MIN) 250 D.W.V. | Torque (Inch Ounces) N/A | |
| (VRMS MIN) 1000 @ Sea Level | Weight (Grams) 4.8 | |
| Contact Resistance Center Contact (Milliohms MAX) 3.0 Outer Contact (Milliohms MAX) 2.0 Cable To Hsg. (Milliohms MAX) 0.5 | Hermetic Seal N/A | |
| RF High Potential (VRMS MIN @ 5 MHz) 670 @ Sea Level | | |
| I.R. (Megohms Min) 10,000 | | |

THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | |
|------|-----|---------|
| DWN | JB | 2-4-76 |
| CHK | RMF | 2/9/76 |
| APVD | BWC | 2-11-76 |

tyco Tyco Electronics Corporation
Electronics Harrisburg, PA 17105-3608

NAME: OSM RIGHT ANGLE CABLE PLUG-CRIMP ATTACHMENT

| | | | | | | | |
|--------|----|-----------|-------|------------|-----------|---------------|---|
| SIZE | A2 | CAGE CODE | 00779 | DRAWING NO | C=1052072 | RESTRICTED TO | - |
| WEIGHT | - | SCALE | 2:1 | SHEET | 1 of 1 | REV | B |

CUSTOMER DRAWING