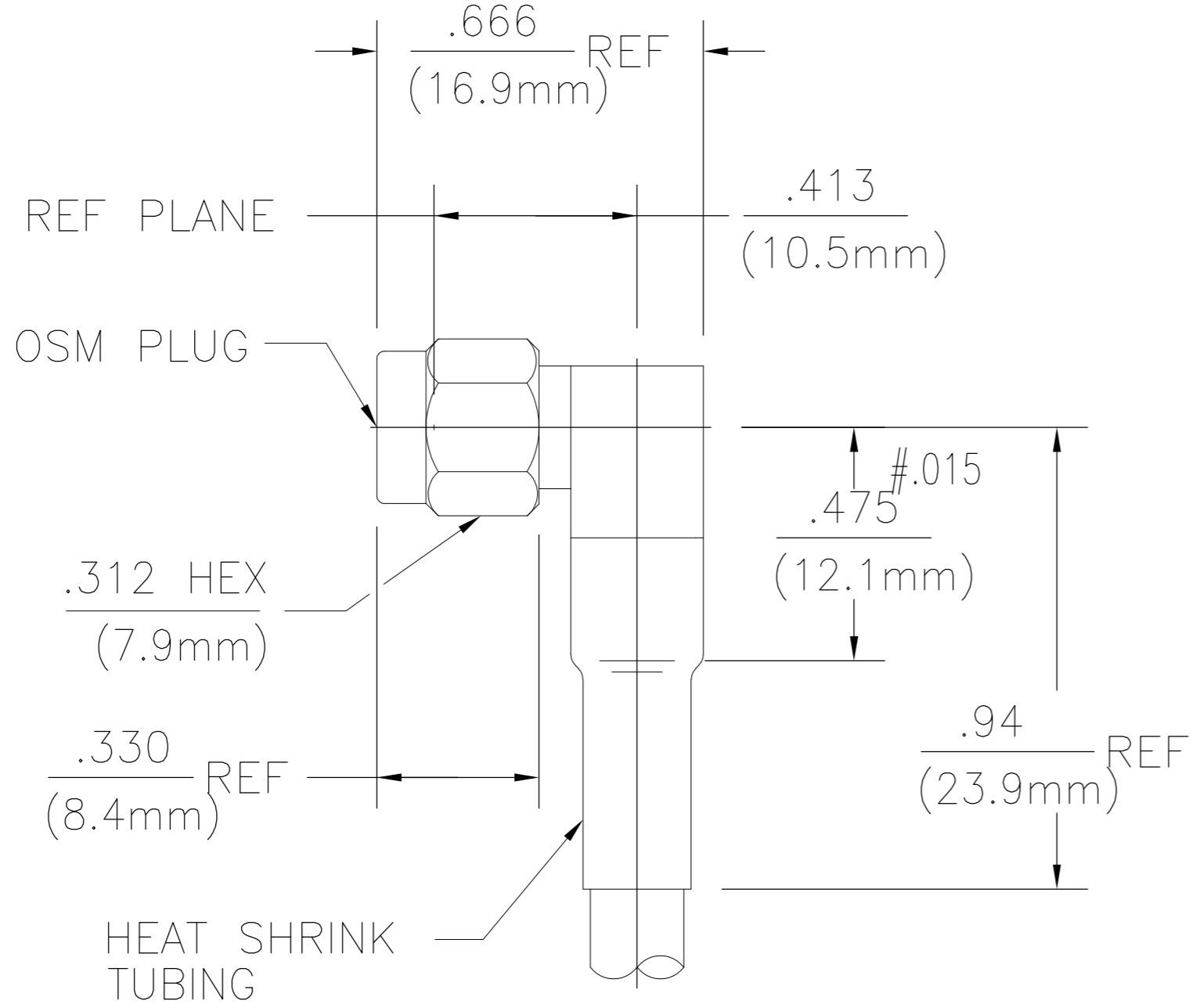


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DESIGNED FOR USE WITH
 RG-55/U, 142, 223 & 400
 FLEXIBLE CABLES
 CABLE ENTRY DIAMETER
 MINIMUM
 CONTACT .040
 HOUSING .121

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AJ	00	B	REV PER ECO 07-004710	3/9/2007	DW KW



1052071-1
 PART NUMBER

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
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	Shock MIL-STD-202, Method 213, Cond. I
VSWR 1.15+.02f(GHz)	Withdrawal (MIN Oz) N/A	Thermal shock MIL-STD-202 Method 107, Cond. B except HIGH TEMP SHALL BE 115°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, except step 7b (vibration) shall be omitted
Rf Leakage (dB MIN) -[60-f(GHz)]	Center Contact Captivation: Axial (Lbs) 6.0	Corrosion MIL-STD-202, Method 101, Cond. B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250 D.W.V.	Radial (Inch-Ounces) 4.0	
(VRMS MIN) 1000 @ Sea Level	Cable Retention: Axial (Lbs) 40 Min(45 Min when used with double braid cable)	
Contact Resistance: Center Contact (Milliohms MAX) 3.0	Torque (Inch Ounces) N/A	
Outer Contact (Milliohms MAX) 2.0	Weight (Grams) 4.8	
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 EJC	6/17/68	Tyco Electronics Corporation Harrisburg, PA 17105-3608
CHK BD	6/19/68	
APVD DN	6/19/68	
PRODUCT SPEC		
DIMENSIONS: INCHES TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± 1°		NAME OSM RIGHT ANGLE CABLE PLUG-CRIMP ATTACHMENT SIZE A2 CAGE CODE 00779 DRAWING NO 1052071 WEIGHT - CUSTOMER DRAWING SCALE 2:1 SHEET 1 of 1 REV B

Mouser Electronics

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