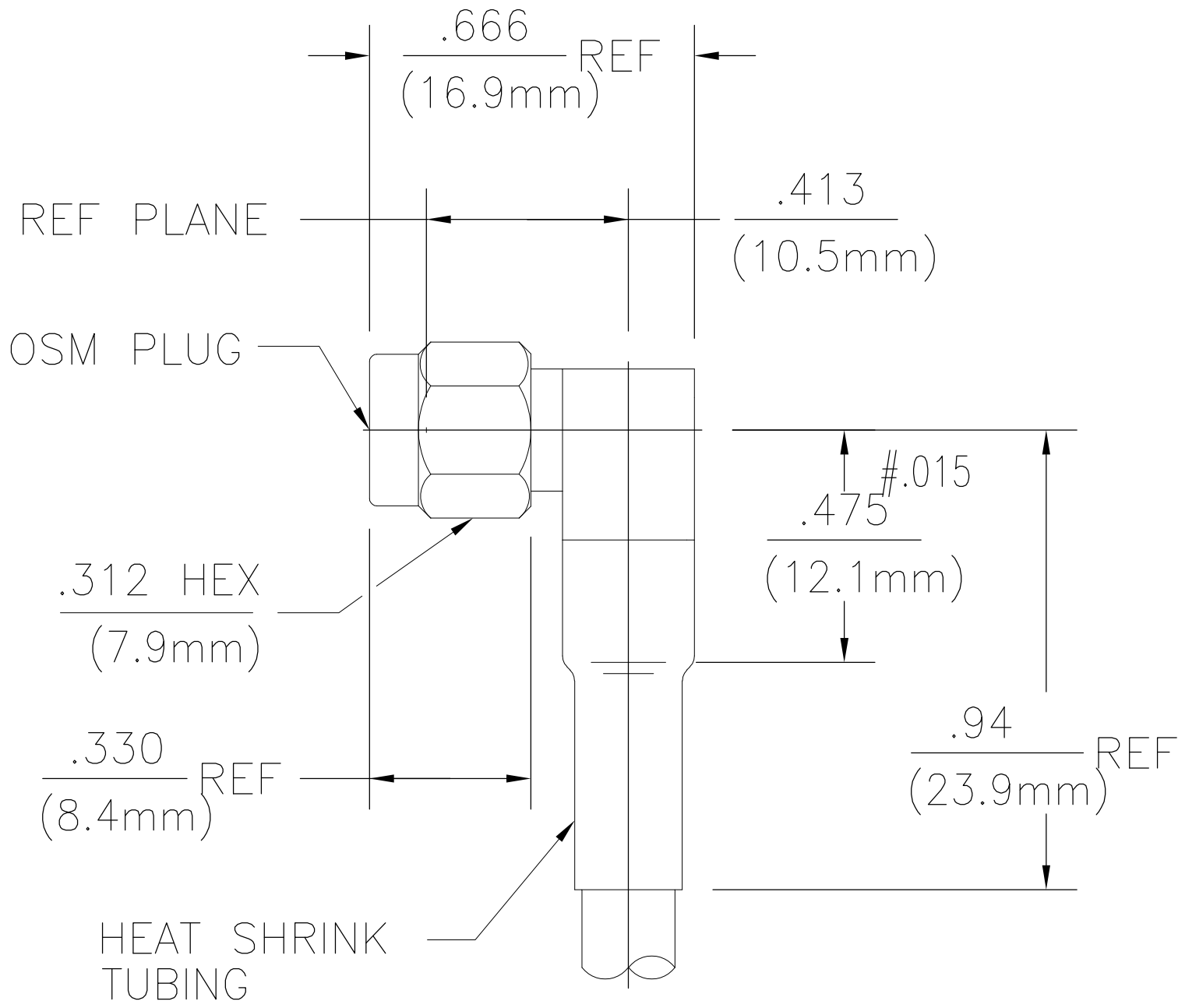


DESIGNED FOR USE WITH RG-55/U, 142, 223 & 400 FLEXIBLE CABLES	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.040
HOUSING	.121

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



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

1052071-1		
PART NUMBER		
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
COMPONENT	MATERIAL	FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN EJC	6/17/68	tyco <i>Electronics</i>				Tyco Electronics Corporation Harrisburg, PA 17105-3608	
		CHK BD	6/19/68						
DIMENSIONS: INCHES		APVD DN	6/19/68	NAME					
		PRODUCT SPEC		OSM RIGHT ANGLE CABLE PLUG-CRIMP ATTACHMENT —					
		APPLICATION SPEC							
		—		SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO	
MATERIAL —		FINISH —		WEIGHT —	A2	00779	C=1052071		—
CUSTOMER DRAWING				SCALE	2:1		SHEET	1 of 1	
								REV	B