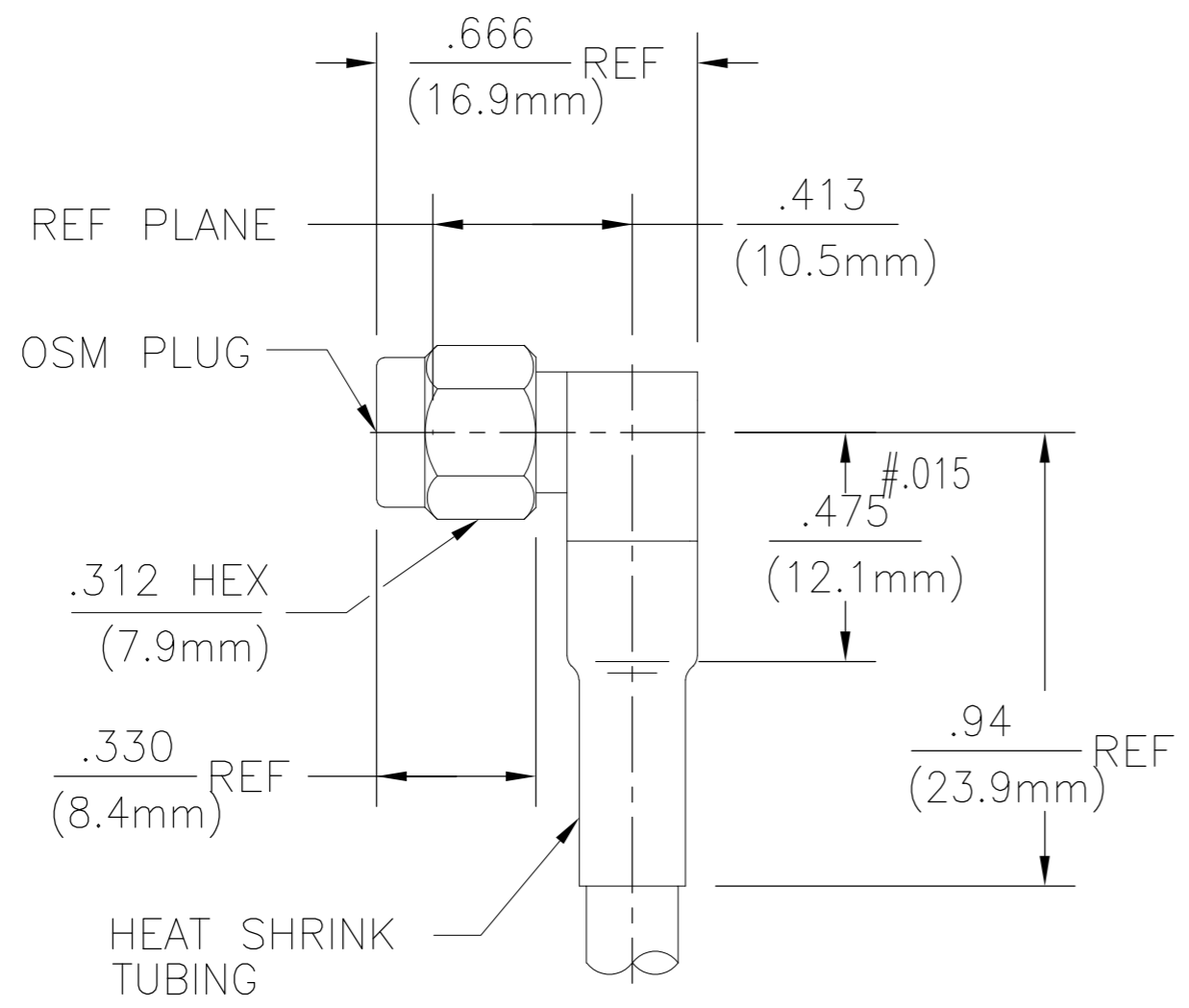


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DESIGNED FOR USE WITH  
 RG-58/U, 141, 303  
 FLEXIBLE CABLES  
 CABLE ENTRY DIAMETER  
 MINIMUM

CONTACT	.040
HOUSING	.121

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



1052092-1  
 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) <u>50</u>	Interface Dimensions <u>MIL-STD-348, Fig. 310.1</u>	Temperature Rating <u>-65°C TO 125°C</u>
Frequency Range (GHz) <u>Max operating frequency of cable per MIL-C-17</u>	Recommended Mating Torque <u>7 to 10 Inch-Pounds</u>	Vibration <u>MIL-STD-202, Method 204, Cond. D</u>
Voltage Rating (VRMS MIN) <u>335 @ Sea Level</u>	Mating Characteristics: Insertion (MAX Lbs) <u>N/A</u> Withdrawal (MIN Oz) <u>N/A</u>	Shock <u>MIL-STD-202, Method 213, Cond. I</u>
VSWR <u>1.15+.02f(GHz)</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Thermal shock <u>MIL-STD-202 Method 107, Cond. B except HIGH TEMP SHALL BE 115°C</u>
Insertion Loss(dB MAX) <u>.07 f(GHz)</u>	Center Contact Captivation: Axial (Lbs) <u>6.0</u> Radial (Inch-Ounces) <u>4.0</u>	Moisture Resistance <u>MIL-STD-202, Method 106, except step 7b (vibration) shall be omitted</u>
Rf Leakage (dB MIN) <u>-[60-f(GHz)]</u>	Cable Retention Axial (Lbs) <u>40 Min(45 Min when used with double braid cable)</u>	Corrosion <u>MIL-STD-202, Method 101, Cond. B, 5% salt spray</u>
Corona, 70,000 Ft (VRMS MIN) <u>250 D.W.V.</u>	Torque (Inch Ounces) <u>N/A</u>	
(VRMS MIN) <u>1000 @ Sea Level</u>	Weight (Grams) <u>4.8</u>	
Contact Resistance	Hermetic Seal <u>N/A</u>	
Center Contact (Milliohms MAX) <u>3.0</u>		
Outer Contact (Milliohms MAX) <u>2.0</u>		
Cable To Hsg. (Milliohms MAX) <u>0.5</u>		
RF High Potential (VRMS MIN @ 5 MHz) <u>670 @ Sea Level</u>		
I.R. (Megohms Min) <u>10,000</u>		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	BB	1/12/93	 Tyco Electronics Corporation Harrisburg, PA 17105-3608			
CHK	-	-				
APVD	DC	1/15/93	NAME OSM RIGHT ANGLE CABLE PLUG-CRIMP ATTACHMENT			
PRODUCT SPEC	-	-				
APPLICATION SPEC	-	-	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
WEIGHT	-	-	A2	00779	C=1052092	-
CUSTOMER DRAWING	SCALE	2:1	SHEET	1 of 1	REV	B

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