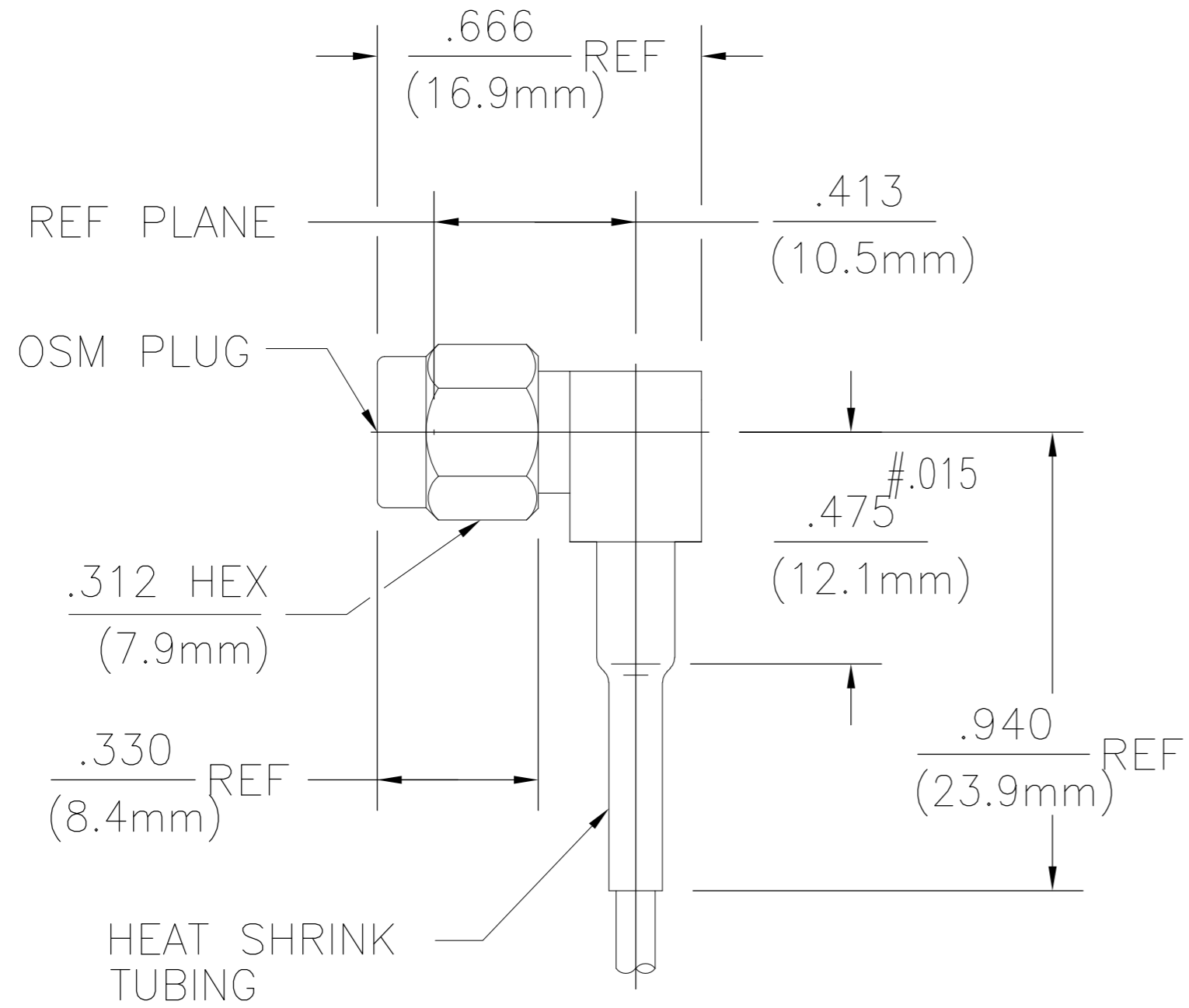


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DESIGNED FOR USE WITH
 RG178/U CABLE
 CABLE ENTRY DIAMETER
 MINIMUM
 HOUSING .036
 CONTACT .025

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



1052097-1
 PART NUMBER

COMPONENT	MATERIAL	FINISH
COUPLING NUT HOUSING 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
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.1	TEMPERATURE RATING <u>-65°C TO +165°C</u>
Frequency Range (GHz) DC to 12.4	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>170</u>	Torque <u>7 to 10 In/Lbs</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.25 + .025 f(GHz)</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP <u>+85°C</u>
Insertion Loss (db MAX) <u>.07 f(GHz)</u>	Center Contact Captivation	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
RF Leakage (dB MIN) <u>-[60 -f(GHz)]</u>	Axial (Lbs) <u>6.0</u>	Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) <u>125</u>	Radial (In/Oz) <u>4.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>500</u>	Cable Retention	
Contact Resistance (Milliohms MAX)	Axial Force (Lbs MIN) <u>20.0</u>	
Center Contact <u>2.0</u>	Weight (Grams) <u>4.6</u>	
Outer Contact <u>2.0</u>		
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>335</u>		
I.R.(Megohms MIN) <u>10,000</u>		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN WK	7/1/77	Tyco Electronics Corporation Harrisburg, PA 17105-3608
CHK KWW	7/18/77	
APVD R M FAWSON	7/28/77	
PRODUCT SPEC		
DIMENSIONS: INCHES TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± 1° MATERIAL - FINISH -		NAME OSM RIGHT ANGLE CABLE PLUG-CRIMP ATTACHMENT SIZE CAGE CODE DRAWING NO RESTRICTED TO A2 00779 C=1052097 -
CUSTOMER DRAWING		SCALE 2:1 SHEET 1 of 1 REV B