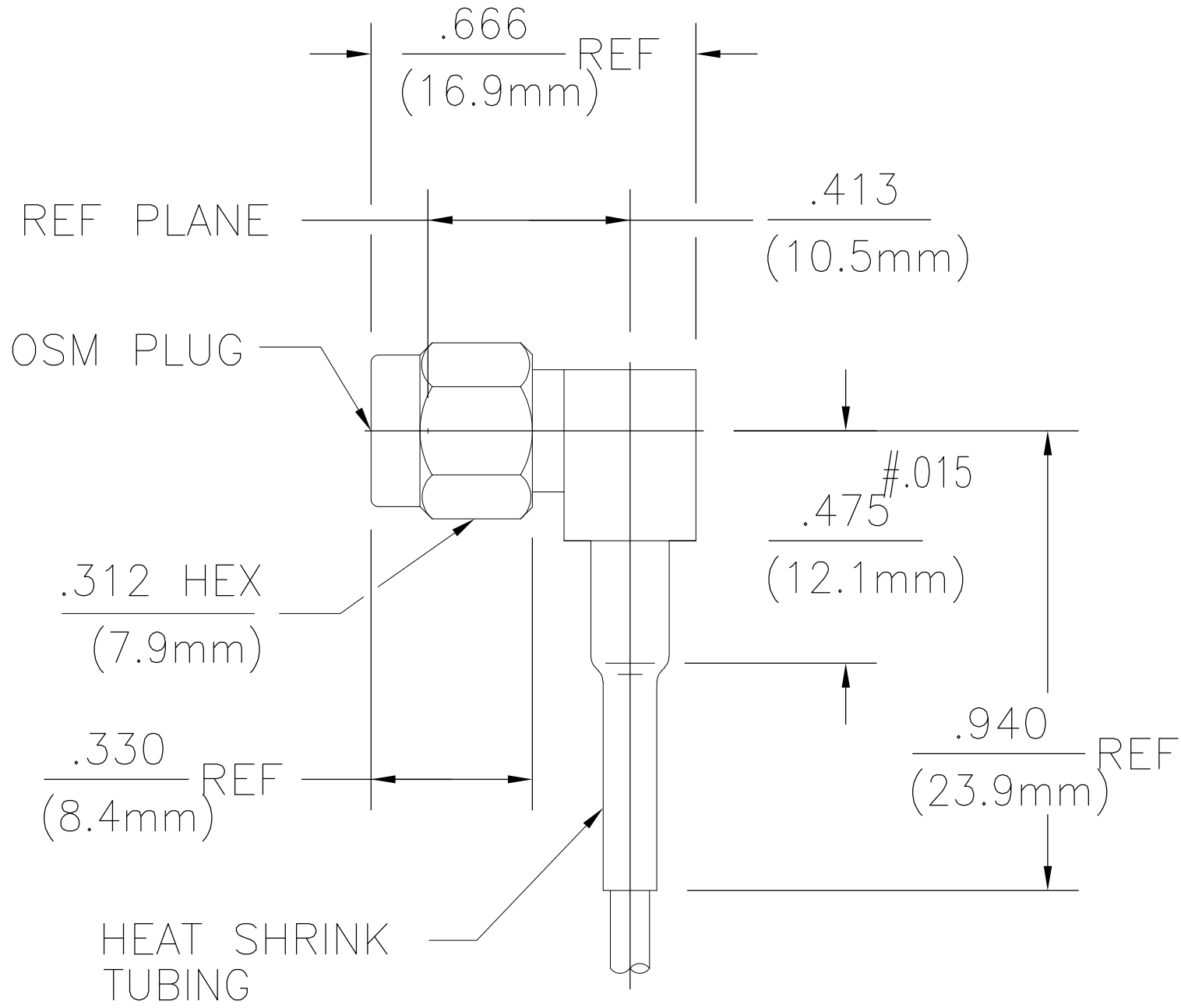


DESIGNED FOR USE WITH RG178/U CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.036
CONTACT	.025

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

1052097-1		
PART NUMBER		
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
COMPONENT	MATERIAL	FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN WK	7/1/77	tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608		
DIMENSIONS: INCHES		CHK KWW	7/18/77			
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD R M FAWSON	7/28/77	NAME OSM RIGHT ANGLE CABLE PLUG-CRIMP ATTACHMENT		
		PRODUCT SPEC				
		APPLICATION SPEC		SIZE	CAGE CODE	DRAWING NO
MATERIAL -	FINISH -	WEIGHT -		A2	00779	C=1052097
CUSTOMER DRAWING			SCALE 2:1	SHEET 1 of 1	REV B	