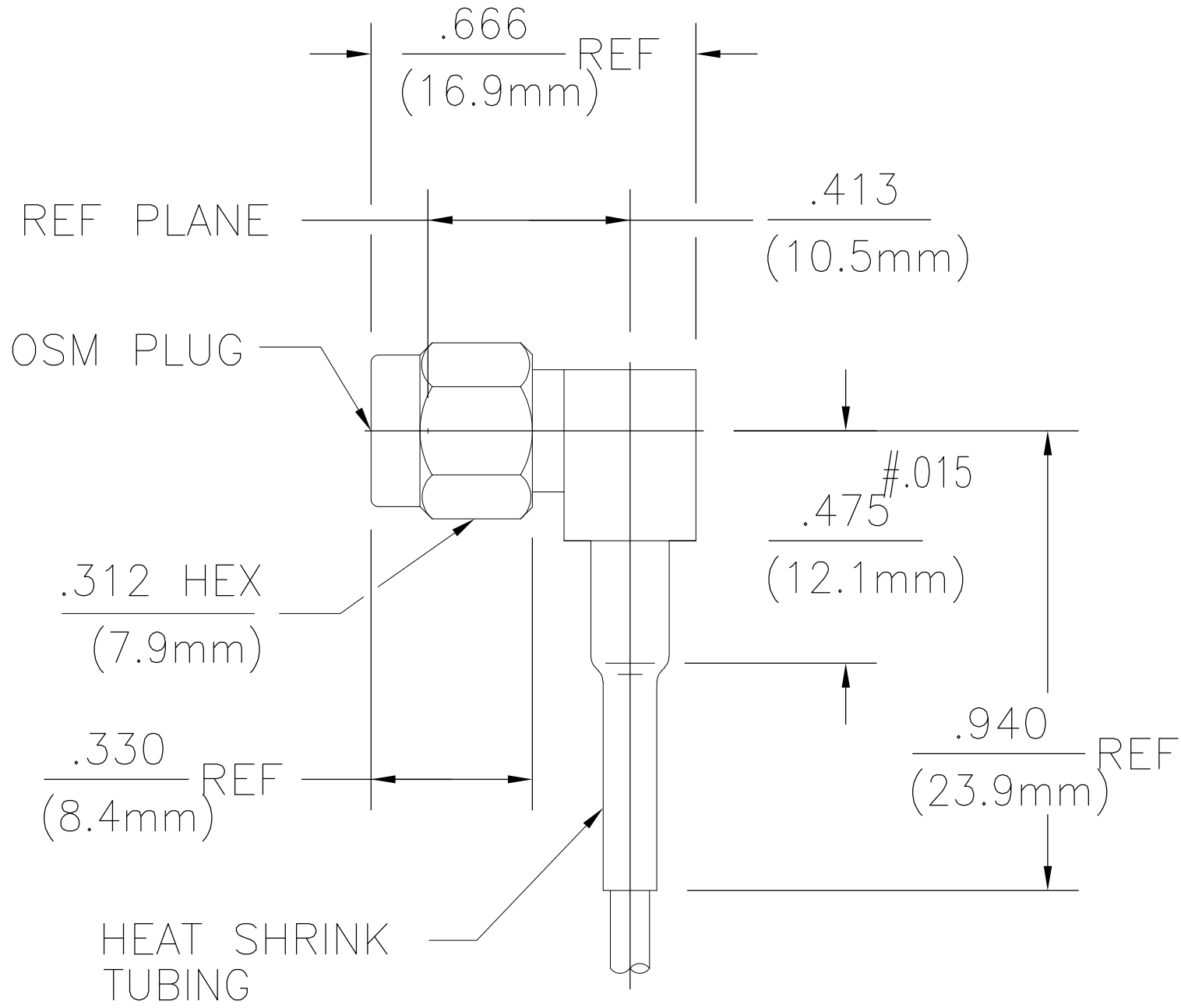


DESIGNED FOR USE WITH RG178/U CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.036
CONTACT	.025

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



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

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	-			
MATERIAL -	FINISH -	WEIGHT -	SIZE A2	CAGE CODE 00779	DRAWING NO C=1052097	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 2:1	SHEET 1 of 1	REV B	

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