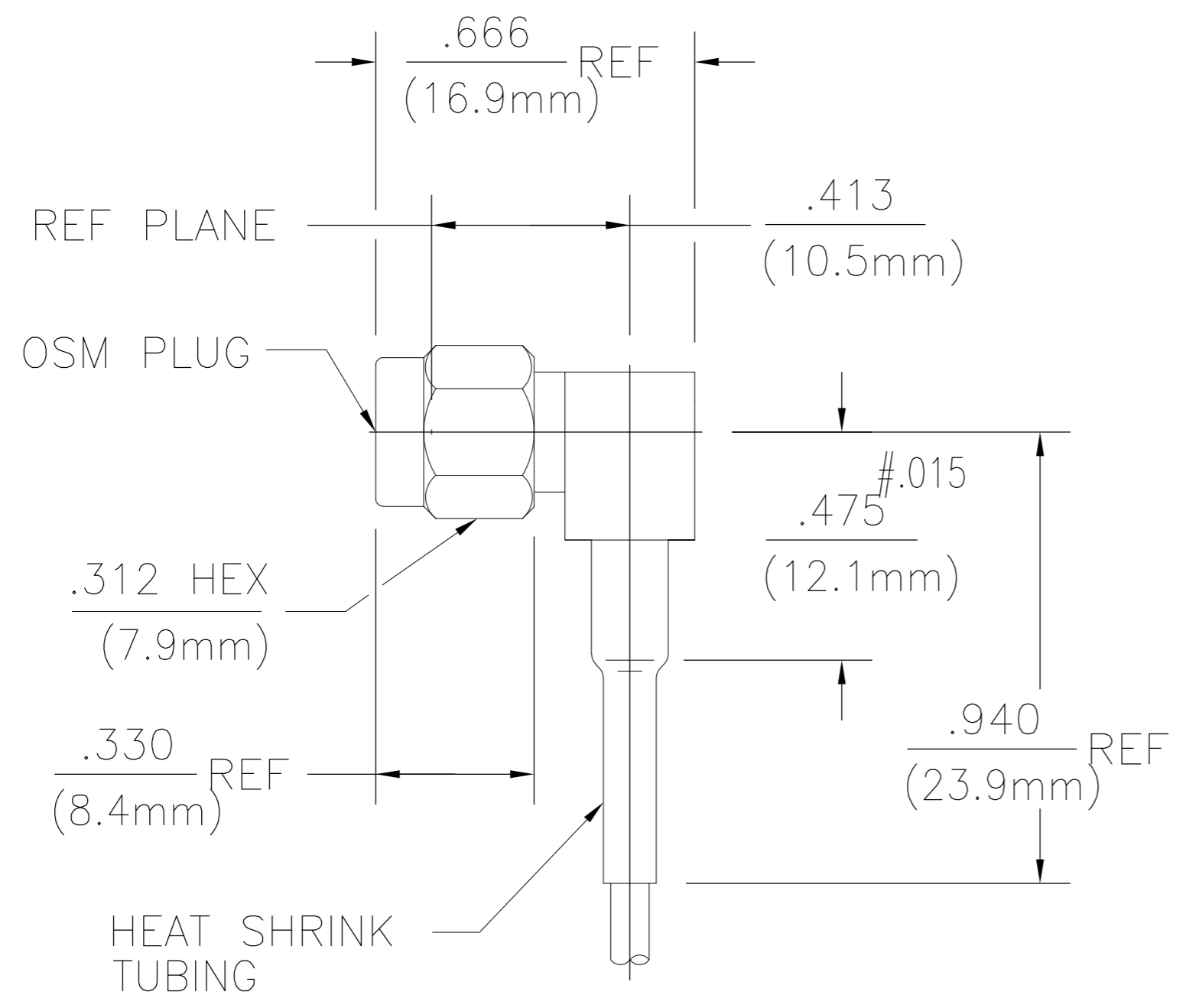


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DESIGNED FOR USE WITH  
 RG178/U CABLE  
 CABLE ENTRY DIAMETER  
 MINIMUM  
 HOUSING .036  
 CONTACT .025

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



1052098-1  
 PART NUMBER

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 Disengage (In/Lbs MAX) 2.0	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +85°C
Insertion Loss (db MAX) .07 f(GHz)	Center Contact Captivation	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
RF Leakage (dB MIN) -[60 -f(GHz)]	Axial (Lbs) 6.0	Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) 125	Radial (In/Oz) 4.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 500	Cable Retention	
Contact Resistance (Milliohms MAX)	Axial Force (Lbs MIN) 20.0	
Center Contact 2.0	Weight (Grams) 4.6	
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 335		
I.R.(Megohms MIN) 10,000		

COMPONENT	MATERIAL	FINISH
COUPLING NUT HOUSING CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN WK	7/1/77	Tyco Electronics Corporation Harrisburg, PA 17105-3608
CHK KWW	7/18/77	
APVD	-	
NAME	-	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC
0 PLC ± -	1 PLC ± -	APPLICATION SPEC
2 PLC ± -	3 PLC ± .005	SCALE
4 PLC ± -	ANGLES ± 1°	SIZE
MATERIAL	FINISH	CAGE CODE
-	-	00779
CUSTOMER DRAWING		DRAWING NO
		1052098
		RESTRICTED TO
		-
		SCALE
		2:1
		SHEET
		1 of 1
		REV
		B