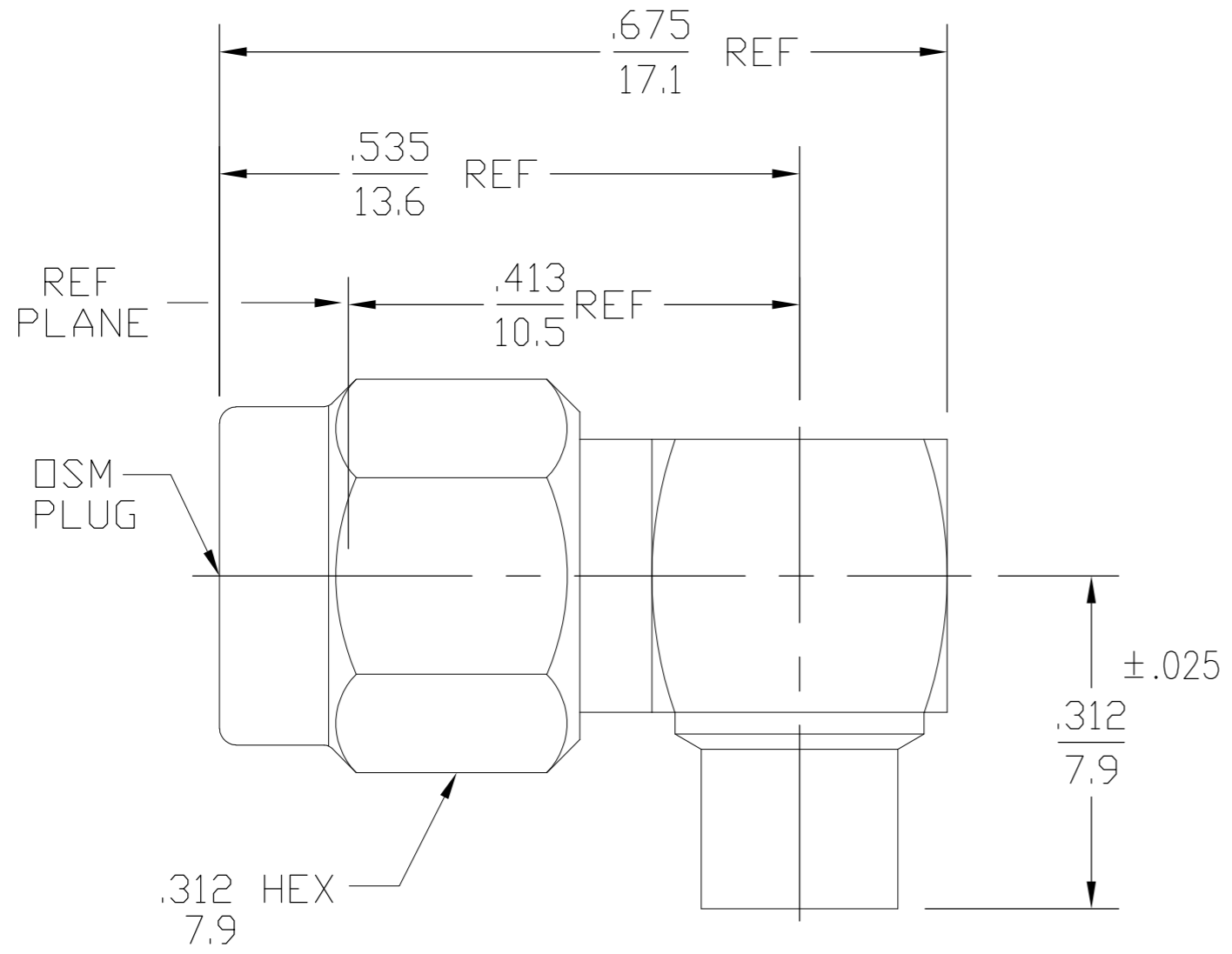


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DESIGNED FOR USE WITH
 .141 (RG-402/U) S/R CABLE
 CABLE ENTRY DIAMETER
 MINIMUM
 CONTACT .037
 HOUSING .145

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
		B	REV PER ECO 07-004710	2/27/2007	DW KW



1051151-1
 PART NUMBER

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348, Fig. 310.1	TEMPERATURE RATING <u>-65°C TO 125°C</u>
Frequency Range (GHz) DC to <u>12</u>	Recommended Mating Torque <u>7-10 Inch-Lbs</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Mating Characteristics: Insertion (MAX Lbs) <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.10 + .010 f GHz</u>	Withdrawal (MIN Oz) <u>N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP 115°C
Insertion Loss (dB MAX) <u>.05√fGHz</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
RF Leakage (dB MIN) <u>-60 @ 2 To 3 GHz</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) <u>375</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>1500</u>	Cable Retention Axial Force (Lbs) <u>60</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u>	Torque (In/Oz) <u>55</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>3.9</u>	
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1000</u>		
I.R.(Megohms MIN) <u>5.000</u>		

.XXX = in
 XX.X = mm

COMPONENT	MATERIAL	FINISH
HOUSING CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H, OR BRASS PER ASTM-B-16	GOLD PLATE PER MIL-G-45204 OVER
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194 ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JR 8/28/72	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		CHK RMF 8/29/72		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD BWC 8/30/72	NAME OSM HIGH FREQUENCY RIGHT ANGLE CABLE PLUG-DIRECT SOLDER ATTACHMENT	
0 PLC ± -		PRODUCT SPEC -	SIZE A2	
1 PLC ± -		APPLICATION SPEC -	CAGE CODE 00779	
2 PLC ± -		WEIGHT -	DRAWING NO C=1051151	
3 PLC ± .005		CUSTOMER DRAWING	RESTRICTED TO -	
4 PLC ± -		SCALE 5:1	SHEET 1 of 1	
ANGLES ± 1°			REV B	
MATERIAL -				
FINISH -				