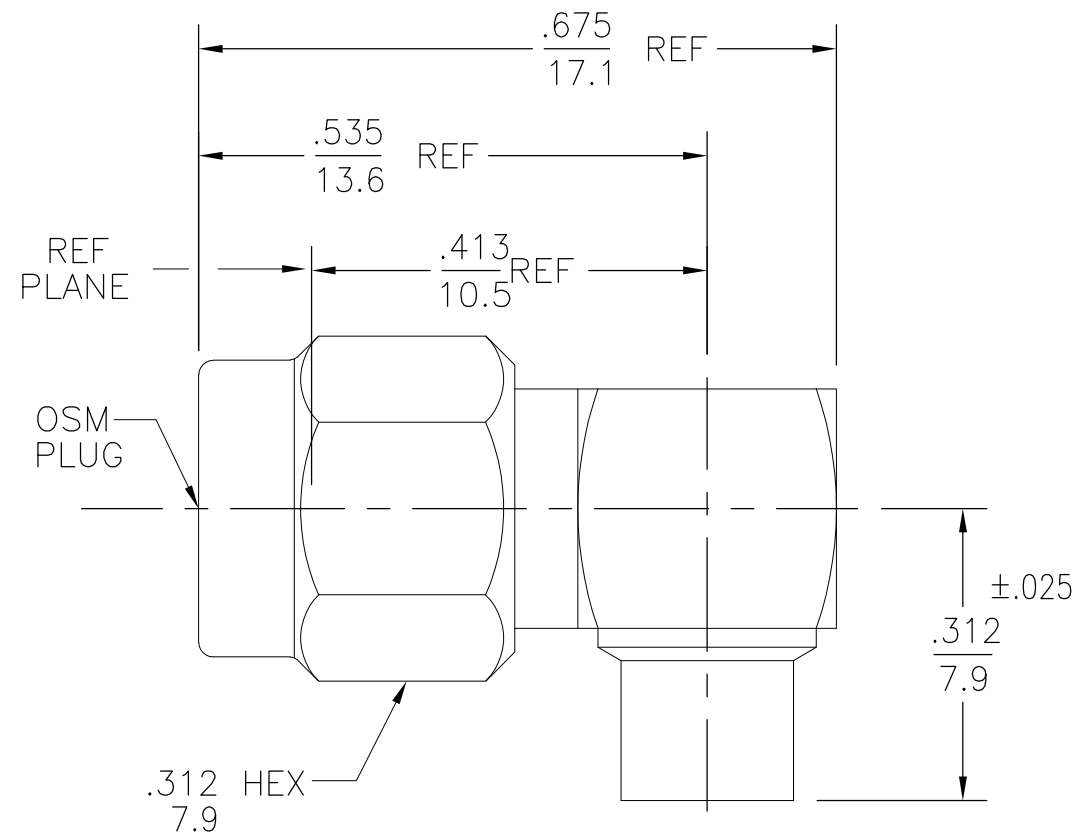


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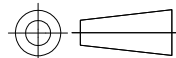
DESIGNED FOR USE WITH		LOC	DIST	REVISIONS					
.141 (RG-402/U) S/R CABLE		AJ	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
CABLE ENTRY DIAMETER MINIMUM					B	REV PER ECO 07-004710	02-27-07	DW	KW
CONTACT					C	REVISED PER ECO-08-030676	02-24-09	AEG	JKO
HOUSING	.037 .145								



- ① BRASS
- ② STAINLESS STEEL
- ③ BERYLLIUM COPPER
- ④ PTFE
- ⑤ GOLD PLATE
- ⑥ PASSIVATED
- ⑦ SILICONE RUBBER
- ⑧ NICKEL PLATE

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 Shall Be Omitted
RF Leakage (dB MIN) <u>-60 @ 2 To 3 GHz</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1500</u>	Radial (In/Oz) <u>4.0</u>	<u>.XXX = in</u>
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u>	Cable Retention Axial Force (Lbs) <u>60</u>	<u>XX.X = mm</u>
Outer Contact <u>2.0</u>	Torque (In/Oz) <u>55</u>	
Cable to Housing <u>0.5</u>	Weight (Grams) <u>3.9</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1000</u>		
I.R.(Megohms MIN) <u>5.000</u>		

		 		 	 	 	1051151-3
		 		 	 	 	1051151-1
GASKET	RETAINING RING	CONTACT	DIELECTRIC	COUPLING NUT	HOUSING	CAP	PART NUMBER

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