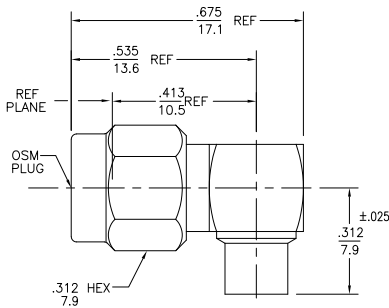


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DESIGNED FOR USE WITH .141 (RG-402/U) S/R CABLE	LOC AJ	DIST 00
CABLE ENTRY DIAMETER MINIMUM		
CONTACT .037		
HOUSING .145		

REVISIONS			
P	LR	DESCRIPTION	DATE
B		REV PER ECO 07-004710	02-27-07
C		REVISED PER ECO-08-030676	02-24-09



- △ BRASS
- △ STAINLESS STEEL
- △ BERYLLIUM COPPER
- △ PTFE
- △ GOLD PLATE
- △ PASSIVATED
- △ SILICONE RUBBER
- △ 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</u> Inch-Lbs	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>	
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u>	Cable Retention Axial Force (Lbs) <u>60</u>	<u>.XXX = in</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.				DATE 9/28/72	Tyco Electronics Corporation Harrisburg, PA 17105-3608			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DATE 8/29/72	OSM HIGH FREQUENCY RIGHT ANGLE CABLE PLUG-DIRECT SOLDER ATTACHMENT			
0 PLC	± .005	1 PLC	± .005	DATE 8/30/72	RESTRICTED TO			
2 PLC	± .005	3 PLC	± .005	APPLICATION SPEC	SIZE CASE CODE DRAWING NO			
4 PLC	± .010	5 PLC	± .010	WEIGHT	A2 00779 C-1051151			
ANGLES	± 1°	FINISH		CUSTOMER DRAWING	SCALE 5:1 SHEET 1 of 1 REV C			

1471-9 (1/08)

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