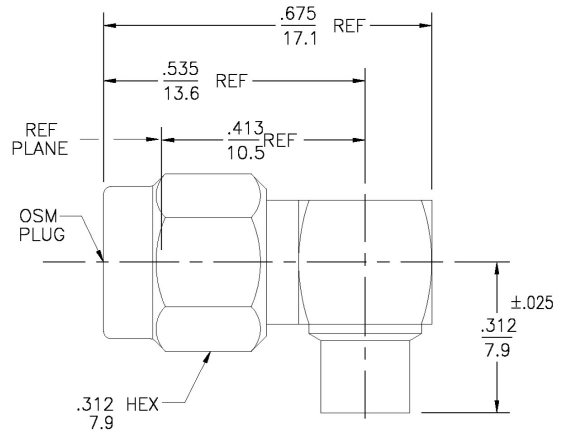


DESIGNED FOR USE WITH .141 (RG-402/U) S/R CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.037
HOUSING	.145

LOC AJ  
DIST 00

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



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

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Terminal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348, Fig. <u>310.1</u>	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
Alt 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
SWR <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
Leakage (dB MIN) <u>-60 @ 2 To 3 GHz</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Shall Be Omitted
Electric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1500</u>	Radial (In/Oz) <u>4.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u>	Cable Retention Axial Force (Lbs) <u>60</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>	
High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1000</u>		
Insulation Resistance (Megohms MIN) <u>5.000</u>		

.XXX = in  
XX.X = mm

⑦	③	③⑤	④	①⑧	①⑤	①⑤	1051151																		
⑦	③	③⑤	④	②⑥	②⑤	②⑤	1051151																		
GASKET	RETAINING RING	CONTACT	DIELECTRIC	COUPLING NUT	HOUSING	CAP	PART NUMBER																		
THIS DRAWING IS A CONTROLLED DOCUMENT.				OWN: J.R. 8/28/72	Tyco Electronics Corporation Harrisburg, PA 17105-3508																				
DIMENSIONS: INCHES				CHK: RMF 8/29/72	NAME: OSM HIGH FREQUENCY RIGHT ANGLE CARIF PLUG-DIRFCT SOLDER ATTACHMENT																				
TOLERANCES UNLESS OTHERWISE SPECIFIED:				APD: BWC 8/30/72	SIZE: A2																				
<table border="1"> <tr><td>0 PLC</td><td>±</td><td>-</td></tr> <tr><td>1 PLC</td><td>±</td><td>-</td></tr> <tr><td>2 PLC</td><td>±</td><td>-</td></tr> <tr><td>3 PLC</td><td>±</td><td>.005</td></tr> <tr><td>4 PLC</td><td>±</td><td>-</td></tr> <tr><td>ANGLES</td><td>±</td><td>1°</td></tr> </table>				0 PLC	±	-	1 PLC	±	-	2 PLC	±	-	3 PLC	±	.005	4 PLC	±	-	ANGLES	±	1°	PRODUCT SPEC: -	CAGE CODE: 00779	DRAWING NO: 1051151	RESTRICTION:
0 PLC	±	-																							
1 PLC	±	-																							
2 PLC	±	-																							
3 PLC	±	.005																							
4 PLC	±	-																							
ANGLES	±	1°																							
MATERIAL: -				APPLICATION SPEC: -	WEIGHT: -	SCALE: 5:1	SHEET: 1 OF 1																		
				CUSTOMER DRAWING																					