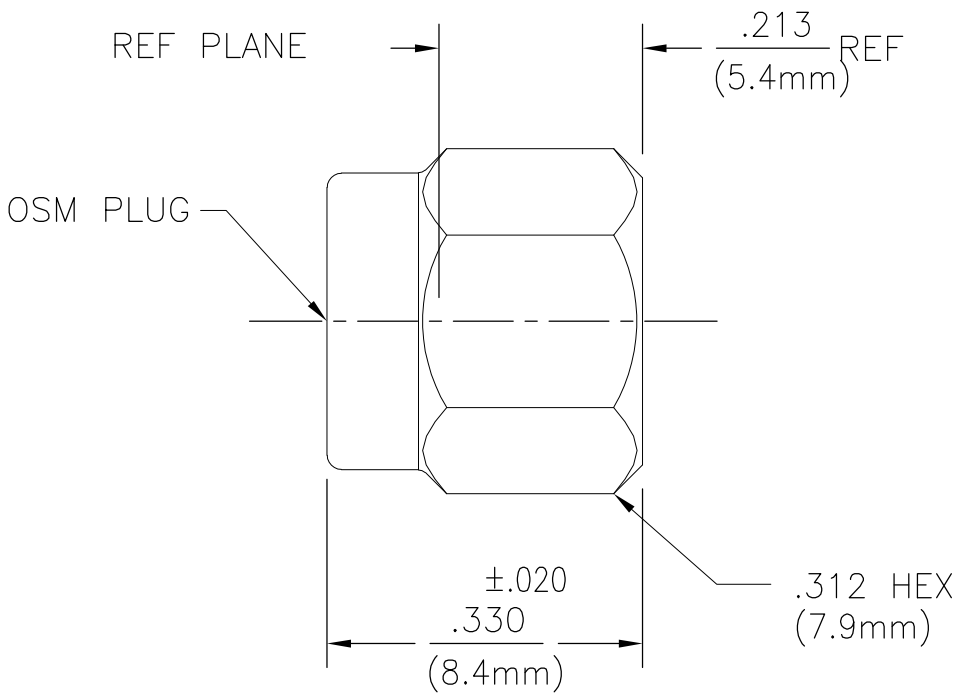




THE DATASHEET OF 1050756-1

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REDRAWN ON CAD PER ECN 88-0678	09-03-91	BB	<i>BB</i>
	B	REVISED PER ECO-08-030676	02-24-09	AEG	JKO

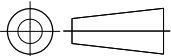
DESIGNED FOR USE WITH .141 DIA S.R. CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.144 (3.7mm)



- 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) 50	Interface Dimensions MIL-STD-348A, Fig. 310.3	TEMPERATURE RATING -65°C TO 105°C
Frequency Range (GHz) DC to 18.0	Recommended Mating Torque 7 to 10 in-LBs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.02 + .005f(GHz)	Insertion (MAX Lbs) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP 115°C
Insertion Loss (dB MAX) .03 √f(GHz)	Withdrawal (MIN Oz) N/A	Moisture Resistance MIL-STD-202, Method 106, No Measurement At High Humidity
RF Leakage (dB MIN) -(90-f(GHz))	Force to Engage and Disengage (In/Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level N/A	Center Contact Captivation Axial (Lbs) N/A	
Contact Resistance (Milliohms MAX) Center Contact N/A	Radial (In/Oz) N/A	
Outer Contact 2.0	Cable Retention Axial Force (Lbs) 60 MIN	
Cable to Housing 0.5	Torque (In/Oz) 55	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Weight (Grams) T.B.D.	
I.R.(Megohms MIN) 10,000		

1 6	3	7	1 5	1050756-2
2 5	3	7	2 5	1050756-1
HOUSING	RETAINING RING	GASKET	COUPLING NUT	TE PN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JPD 9/8/76	 Tyco Electronics Corporation Harrisburg, PA 17105-3608					
DIMENSIONS: INCHES		CHK ECA 11/16/76	NAME OSM STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT					
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± 1°	APVD RNF 12/6/76						
		PRODUCT SPEC —						
		APPLICATION SPEC —						
		WEIGHT —						
MATERIAL —	FINISH —	SIZE A3			CAGE CODE 00779	DRAWING NO C-1050756	RESTRICTED TO —	
CUSTOMER DRAWING						SCALE 5:1	SHEET 1 of 1	REV B

Looking for pricing, stock, or lifecycle information?

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 [TE Connectivity](#) Information

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-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management