

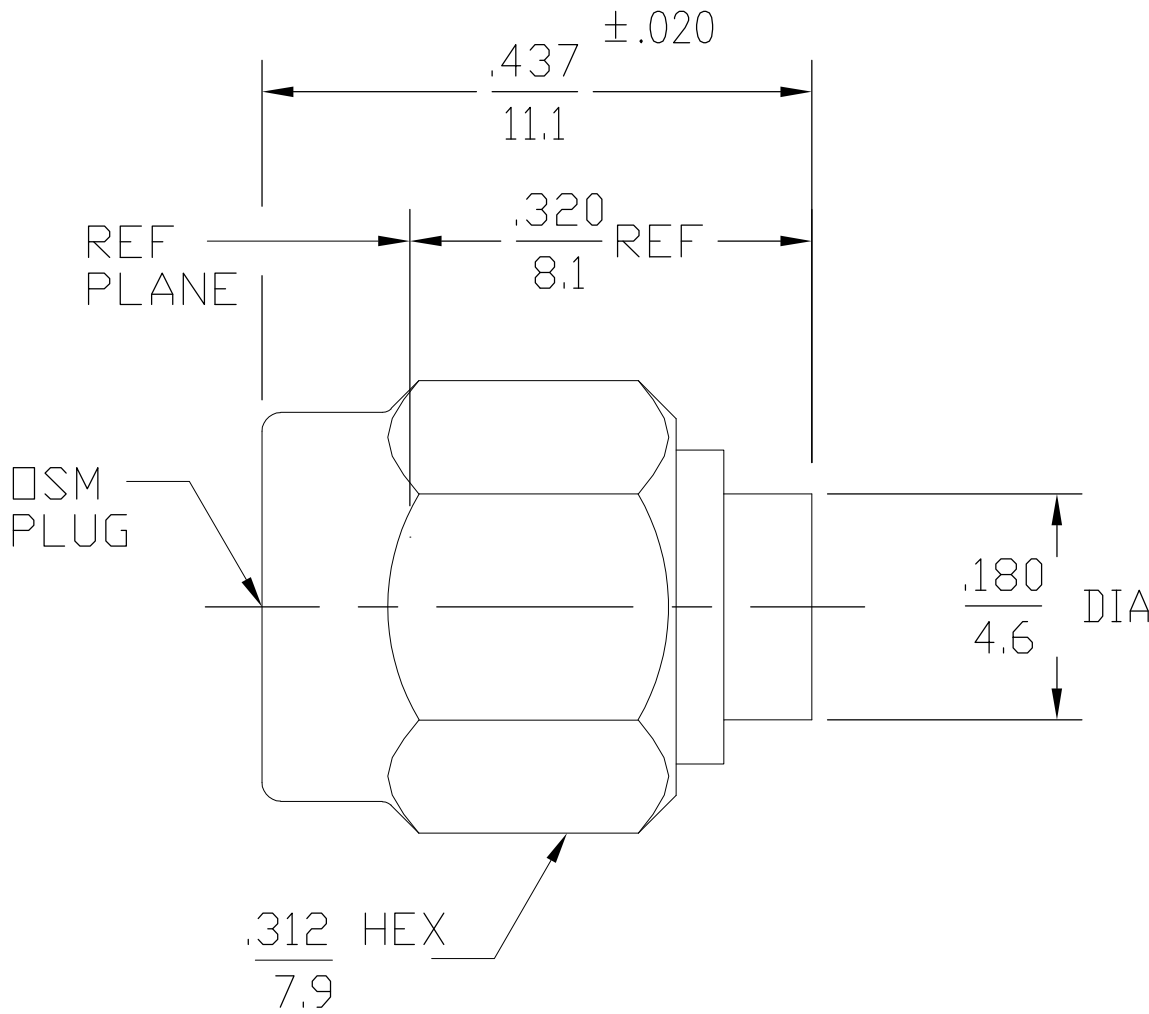
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DESIGNED FOR USE WITH .141 DIA S/R CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.144
CONTACT	.037

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION		DATE	DWN	APVD
	B	REV PER ECO 07-004710		3-2-2007	DW	KW



1056227-1

PART NUMBER

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal 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) <u>DC to 27.0</u>	Recommended Mating Torque <u>7-10 Inch Pounds</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Mating Characteristics: Insertion (MAX Lbs) <u>3.0</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05 + .01 f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>.03 √f(GHz)</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	EXCEPT HIGH TEMP SHALL BE 115°C
RF Leakage (dB MIN) <u>-90 @ 2-3 GHz</u>	Cable Retention (lbs MIN) <u>60.0</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Torque (in-oz) <u>55.0</u>	Shall Be Omitted
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u>	Weight (Grams) <u>2.6</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u>		
Outer Contact <u>2.0</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>		
I.R.(Megohms MIN) <u>5,000</u>		

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SK 4-12-78	tyco Tyco Electronics Corporation Electronics Harrisburg, PA 17105-3608			
DIMENSIONS: INCHES		CHK KWW 4/13/78				
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± 1°	APVD RMF 4-19-78	NAME OSM STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT			
		PRODUCT SPEC	-			
		APPLICATION SPEC	-			
MATERIAL -	FINISH -	WEIGHT -	SIZE A2	CAGE CODE 00779	DRAWING NO C=1056227	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 5:1	SHEET 1 of 1	REV B	