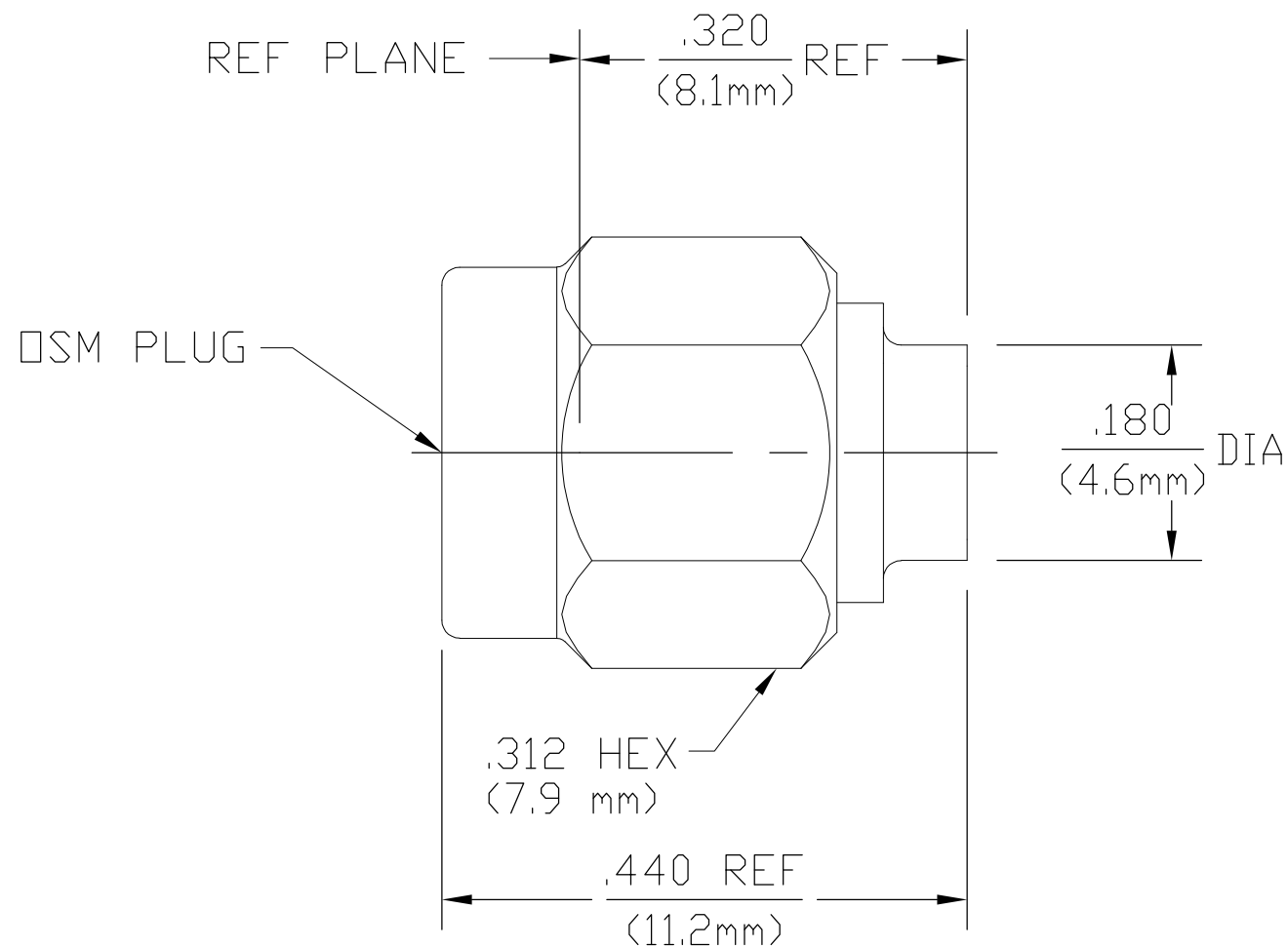


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DESIGNED FOR USE WITH .141 DIA S.R. CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.039
HOUSING	.144

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			B	REV PER ECO 07-004710	3/14/2007	DW	KW



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ω ms) 50	Interface Dimensions MIL-STD-348,	TEMPERATURE RATING -65°C TO 105°C
Frequency Range (GHz) DC to 18.0	Fig. 310.1	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Recommended Mating	204, Condition D
@ Sea Level 500	Torque 7 to 10 in-LBs	Shock MIL-STD-202, Method 213,
VSWR 1.05 + .008f(GHz)	Mating Characteristics:	Condition I
Insertion Loss (dB MAX) .03 $\sqrt{f}$ (GHz)	Insertion (MAX Lbs) N/A	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) -(90-f(GHz)	Withdrawal (MIN Ω z) N/A	Method 107, Condition B,
Corona, 70,000 Ft (VRMS MIN) 375	Force to Engage and	EXCEPT HIGH TEMP 115°C
Dielectric Withstanding Voltage	Disengage (In/Lbs MAX) 2.0	Moisture Resistance MIL-STD-202,
(VRMS MIN) @ Sea Level 1000	Center Contact Captivation	Method 106,
Contact Resistance (Milliohms MAX)	Axial (Lbs) N/A	Corrosion - MIL-STD-202, Method
Center Contact 3.0	Radial (In/ Ω z) N/A	101, Condition B, 5% salt spray
Outer Contact 2.0	Cable Retention	
Cable to Housing 0.5	Axial Force (Lbs) 60	
RF High Potential @ Sea Level	Torque (In/ Ω z) 55	
(VRMS MIN @ 5 MHz) 1000	Weight (Grams) T.B.D.	
I.R.(Megohms MIN) 5,000		

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A-380
DIELECTRIC	TFE 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 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
COMPONENT	MATERIAL	FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JPD 8/31/76 CHK RNF 9/7/76 APVD RNF 9/7/76		tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME OSM STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT —	
		0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .005 4 PLC ± — ANGLES ± 1°			
MATERIAL —		FINISH —			
		WEIGHT —		SIZE A2 GAGE CODE 00779 DRAWING NO. C-1050525 RESTRICTED TO —	
CUSTOMER DRAWING				SCALE 5:1 SHEET 1 of 1 REV B	