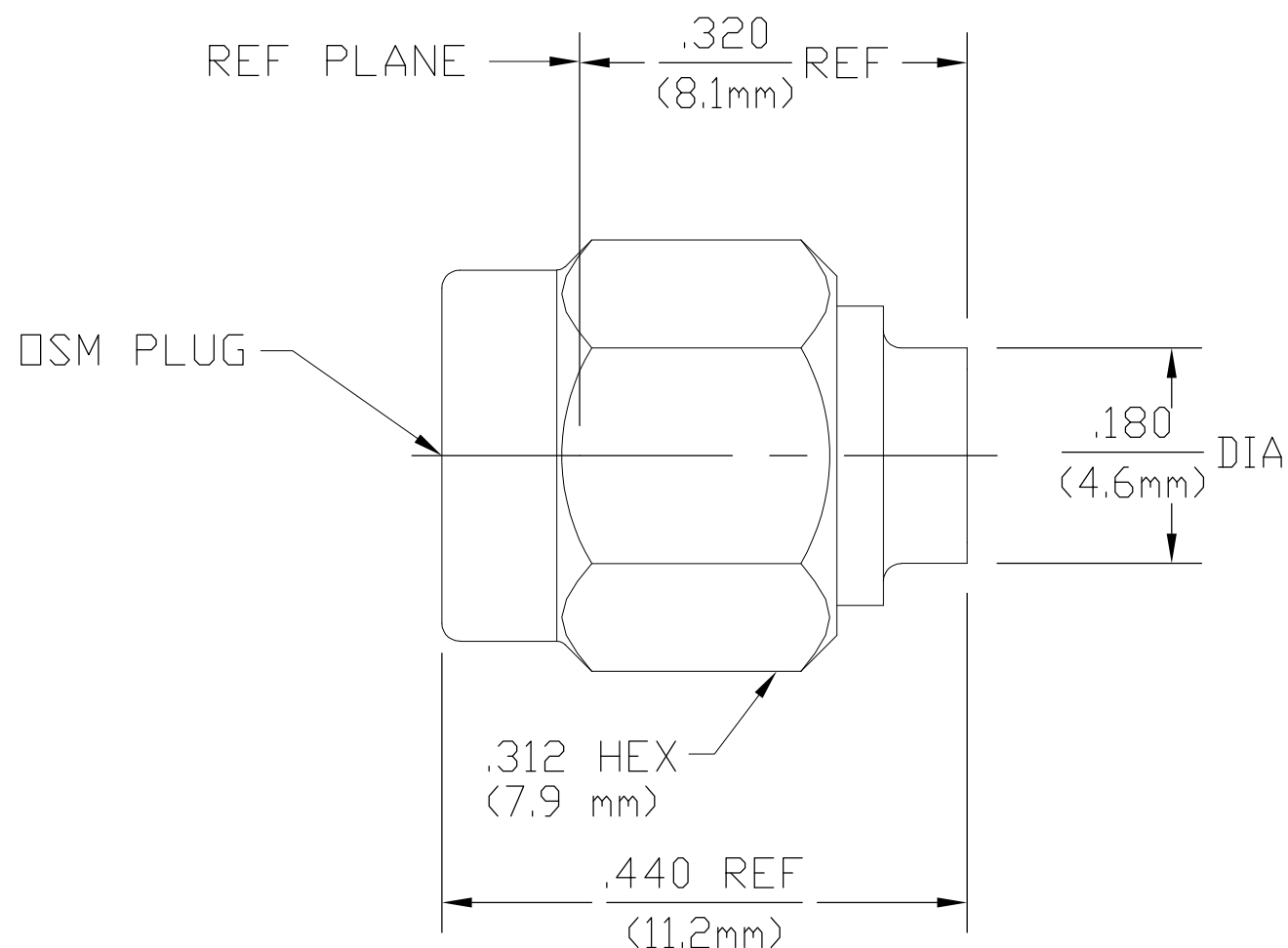


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DESIGNED FOR USE WITH .141 DIA S.R. CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.039
HOUSING	.144

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

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