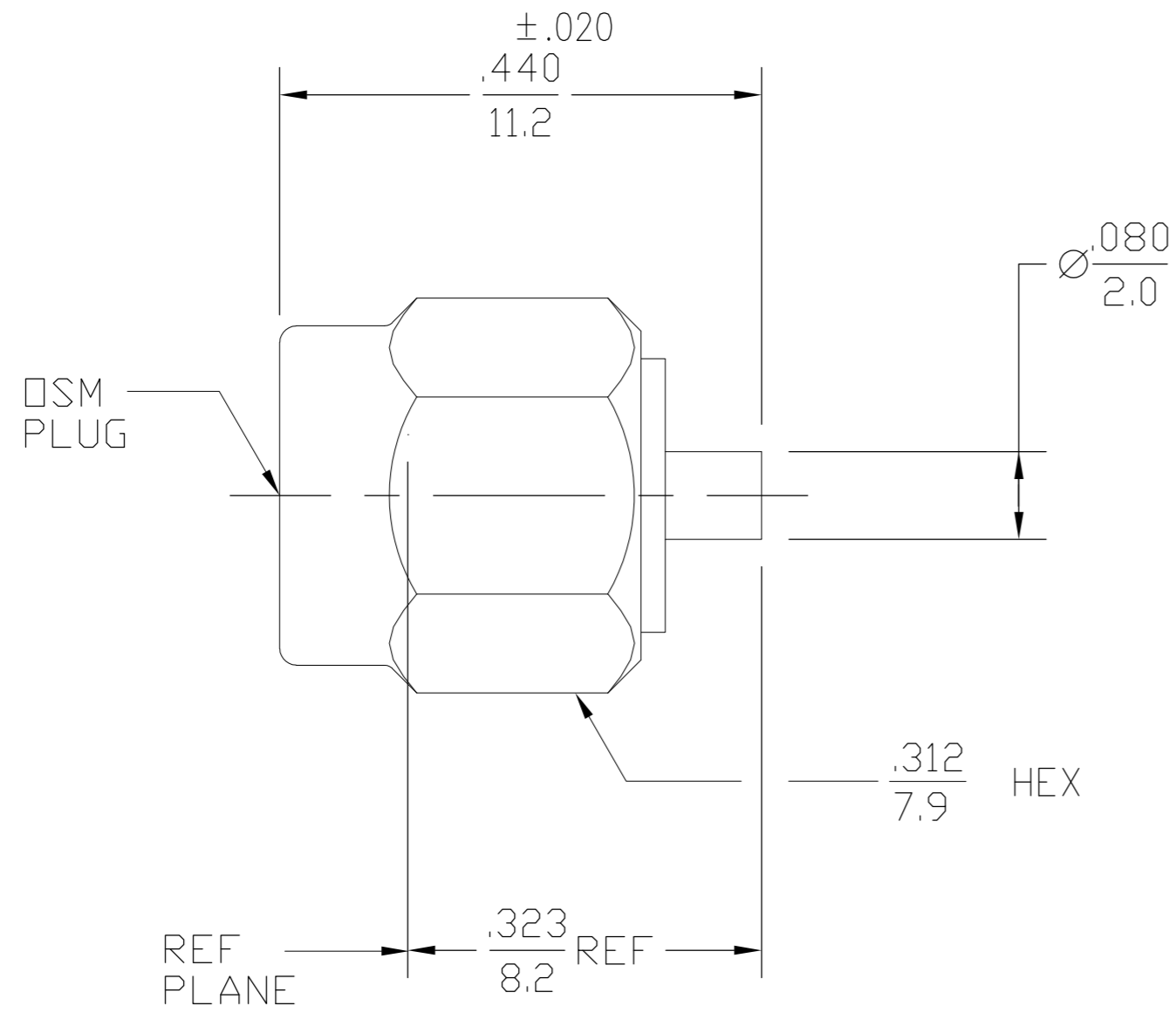


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DESIGNED FOR USE WITH .047 SR	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.049
CONTACT	.0139

LOC		DIST		REVISIONS			
AJ	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		B		REV PER ECO 07-004710	3-2-2007	DW	KW



1056231-1  
PART NUMBER

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310-1	TEMPERATURE RATING -65° TO +165°C
Frequency Range (GHz) DC to 18.0	Recommended Mating Torque 7-10 IN-LBS	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 170	Mating Characteristics: Torque 7-10 IN-LBS	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.20 + .02f(GHz)	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +85°C
Insertion Loss (dB MAX) .06 √f(GHz)	Withdrawal (MIN Oz) 1.0	Moisture Resistance MIL-STD-202, Method 106
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
Corona, 70,000 Ft (VRMS MIN) 125	Center Contact Captivation Axial (Lbs) N/A	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 500	Radial (In-Oz) N/A	
Contact Resistance (Milliohms MAX) Center Contact 3.0	Cable Retention Axial Force (Lbs) 10.0	
Outer Contact 2.0	Torque (In-Oz) N/A	
Cable to Housing 0.5	Weight (Grams) TBD	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 335		
I.R.(Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
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 OR ASTM-B-197, 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 H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

.XXX = in  
XX.X = mm (REF)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	L.ROSS	5-10-89
CHK	BB	5-11-89
APVD	D.F	5-19-89

**tyco Electronics** Tyco Electronics Corporation  
Harrisburg, PA 17105-3608

NAME: OSM STRAIGHT CABLE PLUG-DIRECT SOLDER ATTACHMENT

SIZE: A2 CAGE CODE: 00779 DRAWING NO: 1056231 RESTRICTED TO: -

WEIGHT: -

CUSTOMER DRAWING SCALE: 5:1 SHEET: 1 of 1 REV: B