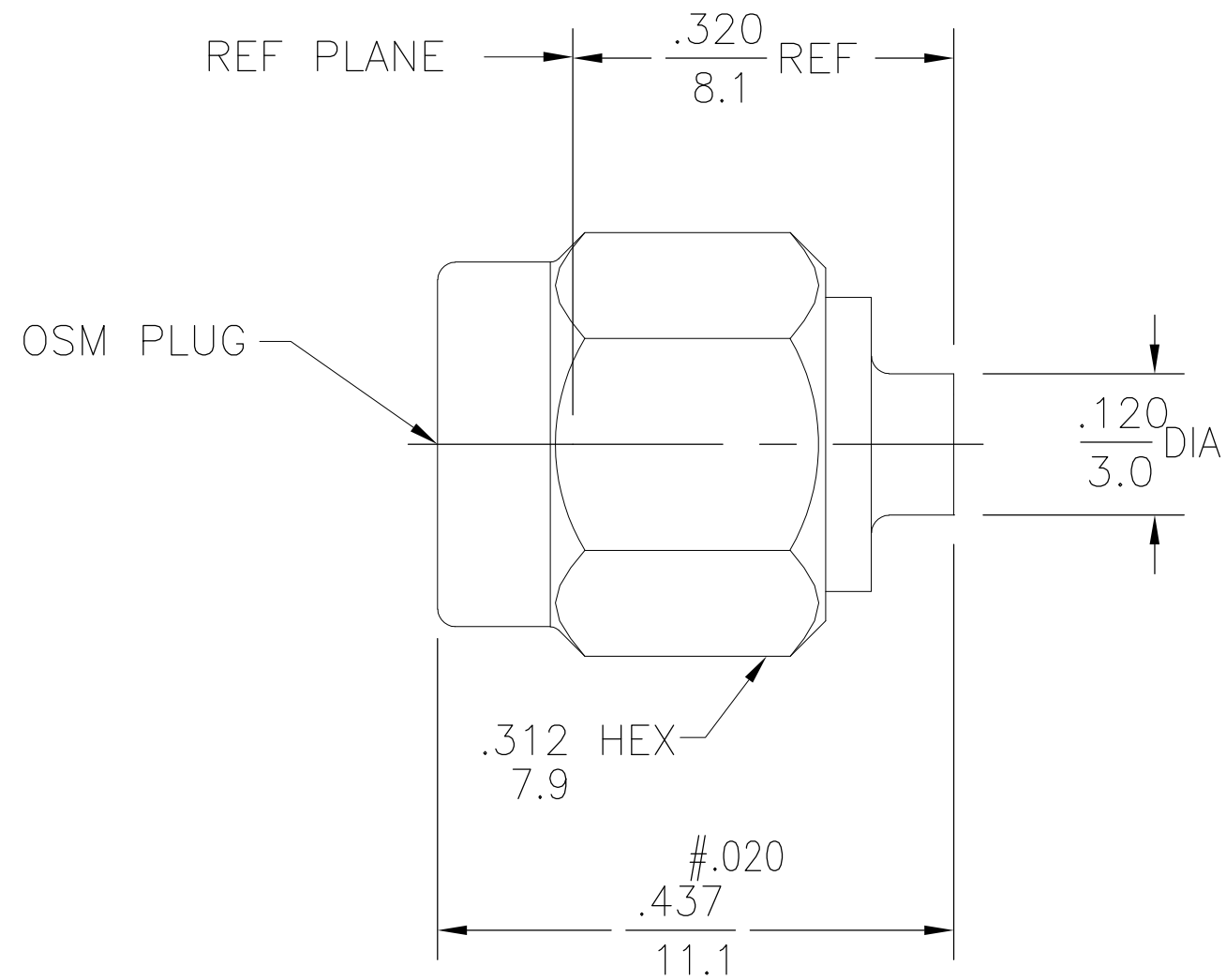


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DESIGNED FOR USE WITH
 .085 DIA S.R. CABLE
 CABLE ENTRY DIAMETER
 MINIMUM

CONTACT	.021
HOUSING	.089

LOC	DIST	REVISIONS					
AJ	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		B		REV PER ECO 07-004710	3/12/2007	DW	KW



1050770-1
 PART NUMBER

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
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
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

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 105°C</u>
Frequency Range (GHz) DC to <u>18.0</u>	Recommended Mating Torque <u>7 to 10 in-Lbs</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05 + .005f(GHz)</u>	Insertion (MAX Lbs) <u>N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>.03 f(GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	EXCEPT HIGH TEMP <u>115°C</u>
RF Leakage (dB MIN) <u>-(90-f(GHz))</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Axial (Lbs) <u>N/A</u>	
Contact Resistance (Milliohms MAX)	Radial (In/Oz) <u>N/A</u>	
Center Contact <u>2.0</u>	Cable Retention	
Outer Contact <u>2.0</u>	Axial Force (Lbs) <u>30</u>	
Cable to Housing <u>0.5</u>	Torque (In/Oz) <u>16</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>	Weight (Grams) <u>T.B.D.</u>	
I.R.(Megohms MIN) <u>10,000</u>		

.XXX = in
 XX.X = mm

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	DRJ	11/1/76
CHK	RBJ	4/13/77
APVD	RNF	4/14/77

tyco Electronics Tyco Electronics Corporation
 Harrisburg, PA 17105-3608

NAME: OSM STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C=1050770	-

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