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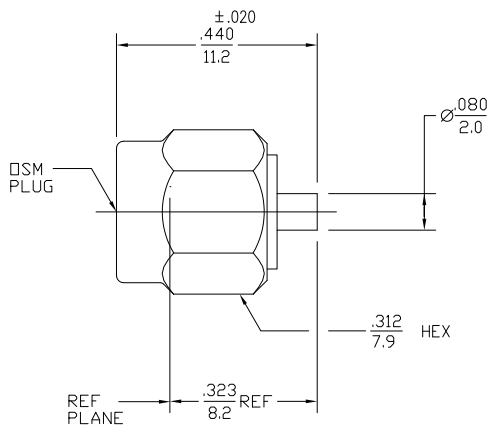
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DESIGNED FOR USE WITH .047 SR	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.049
CONTACT	.0139

LOC	DIST	REVISIONS					
AJ	00	P	LTR	DESCRIPTION	DATE	MIN	APD
		B		REV PER EDD 07-004710	3/12/2007	DW	KW



1050766-1

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: Insertion (MAX Lbs) 3.0	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.20 + .02F(GHz)	Insertion Loss (dB MAX) .06 √F(GHz)	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +85°C
RF Leakage (dB MIN) -[90-F(GHz)]	Withdrawal (MIN Oz) 1.0	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) 125	Force to Engage and Disengage (In-Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 500	Center Contact Captivation Axial (Lbs) N/A	
Contact Resistance (Milliohms MAX) Center Contact 3.0	Radial (In-Oz) N/A	
Outer Contact 2.0	Cable Retention Axial Force (Lbs) 10.0	
Cable to Housing 0.5	Torque (In-Dz) N/A	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 335	Weight (Grams) TBD	
I.R.(Megohms MIN) 5,000		

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

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

0 PLC ± .005
1 PLC ± .005
2 PLC ± .005
3 PLC ± .005
4 PLC ± .005
ANGLES ± .1°

MATERIAL FINISH

DATE 11/5/99

E.J.C. 11/10/99

DATE 11/10/99

B.K.W. 11/10/99

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

OSM STRAIGHT CABLE PLUG
DIRECT SOLDER ATTACHMENT

SIZE CASE CODE DRAWING NO

A2 00779 C=1050766

RESTRICTED TO

SCALE 5:1 SHEET 1 of 1 REV B