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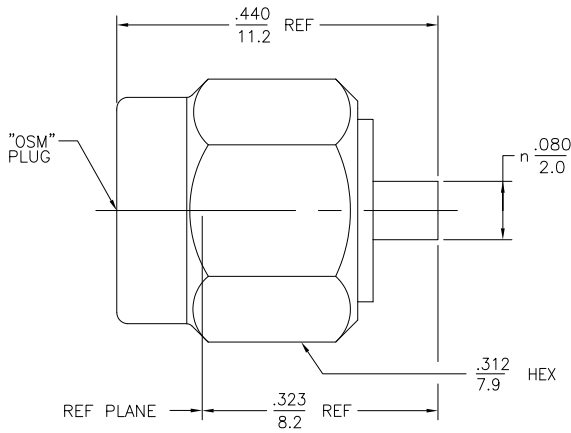
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DESIGNED FOR USE WITH
 .047 S.R.
 CABLE ENTRY DIAMETER
 MINIMUM
 HOUSING .051
 CONTACT .013

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	BY	APPD
B		REV PER EDD 07-004710	3/13/2007	DW	KW



1050767-1

PART NUMBER

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310-1	TEMPERATURE RATING -65 TO +165
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 + .02/(GHz)	Withdrawal (MIN Oz) 1.0	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +85C
Insertion Loss (dB MAX) .06 f(GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -[90-f(GHz)]	Center Contact Captivation Axial (Lbs) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 125	Radial (In-Oz) N/A	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 500	Cable Retention Axial Force (Lbs) 10.0	
Contact Resistance (Milliohms MAX) Center Contact 3.0	Torque (In-Oz) N/A	
Outer Contact 2.0	Weight (Grams) TBD	
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 335		
I.R.(Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
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 QQ-P-35
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.

DATE: 11/17/98	BY: Tycos	TYCO Electronics Corporation
CHK: 11/14/98	NAME: K.M.	Harrisburg, PA 17105-3608
DATE: 11/14/98	NAME: MCD	
DATE: 11/14/98	NAME: PRODUCT SPEC	
DATE: 11/14/98	NAME: APPLICATION SPEC	
DATE: 11/14/98	NAME: HEIGHT	

SIZE: A2 CAGE CODE: 00779 DRAWING NO: 1050767

CUSTOMER DRAWING SCALE: 8:1 SHEET: 1 of 1 REV: B

1050767

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