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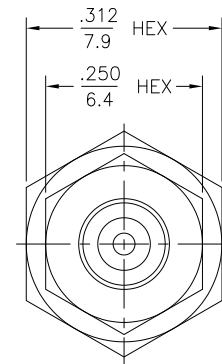
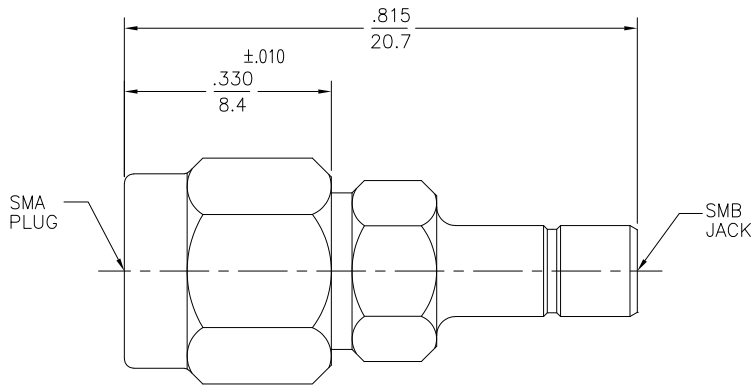
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	BY	APPD
AJ	00	REV PER EDD 08-026436	2DEC2008	DW	JL



ELECTRICAL	MECHANICAL	ENVIRONMENTAL									
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions	TEMPERATURE RATING $-65^{\circ}\text{C}$ TO $+125^{\circ}\text{C}$									
Frequency Range (GHz) DC to <u>4.0</u>	<u>SMB MIL-STD-348A 311-1</u>	Vibration MIL-STD-202, Method 204, Condition B									
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	<u>OSM MIL-STD-348A 310-1</u>	Shock MIL-STD-202, Method 213, Condition B									
VSWR <u>1.25+0.4f(GHz)</u>	Recommended Mating Torque <u>7-10 In-Lbs</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP $+85^{\circ}\text{C}$									
Insertion Loss (dB MAX) <u>.03 @ 1.5GHz</u>	Mating Characteristics:	Moisture Resistance MIL-STD-202, Method 106 Shall Be Omitted									
RF Leakage (dB MIN) <u>-55 @ 2 to 3 GHz</u>	<table border="1"> <thead> <tr> <th></th> <th>SMB</th> <th>OSM</th> </tr> </thead> <tbody> <tr> <td>Insertion</td> <td>2.5</td> <td>3.0</td> </tr> <tr> <td>Withdrawal</td> <td>1.0</td> <td>2.0</td> </tr> </tbody> </table>		SMB	OSM	Insertion	2.5	3.0	Withdrawal	1.0	2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
	SMB	OSM									
Insertion	2.5	3.0									
Withdrawal	1.0	2.0									
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Force to Engage/Disengage (Lbs)										
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	<table border="1"> <thead> <tr> <th></th> <th>SMB</th> <th>OSM</th> </tr> </thead> <tbody> <tr> <td>Insertion</td> <td>14.0</td> <td>2.0</td> </tr> </tbody> </table>		SMB	OSM	Insertion	14.0	2.0				
	SMB	OSM									
Insertion	14.0	2.0									
Contact Resistance (Milliohms MAX)	Contact Retention										
Center Contact <u>6.0</u>	Axial (Lbs) <u>6.0</u>										
Outer Contact <u>1.0</u>	Radial (In-Oz) <u>4.0</u>										
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>700</u>	Weight (Grams) <u>TBD</u>										
I.R.(Megohms MIN) <u>1,000</u>											

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

1060500-1  
 PART NUMBER

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTEE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	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: 8/3/77	BY: [Signature]	TYCO ELECTRONICS Corporation Harrisburg, PA 17105-3608
DRAWING NO: 1060500-1		REV: 00	DATE: 8/3/77	NAME: [Signature]
DIMENSIONS: INCHES		SCALE: 8:1	SMA PLUG TO SMB JACK ADAPTER	
MATERIAL: [Blank]		FINISH: [Blank]	SIZE: A2	CAGE CODE: 00779
APPLICATION SPEC: [Blank]		RESTRICTED TO: [Blank]	DRAWING NO: 1060500-1	
CUSTOMER DRAWING		SCALE: 8:1	SHEET: 1 of 1	REV: C

AMP 1471-9 REV 31MM2000

1060500-1

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