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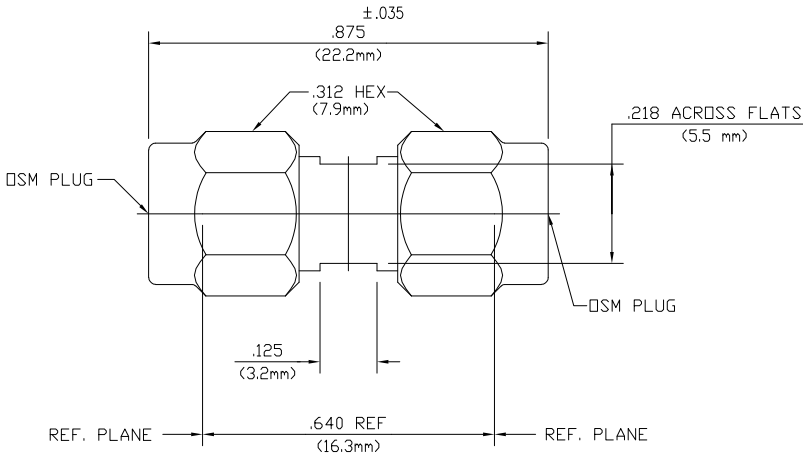
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	MIN	APD
AJ	00				
B		REV PER EDD 07-004710	3/2/2007	DW	KW



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348 FIG 3101	TEMPERATURE RATING -65°C TO 105°C
Frequency Range (GHz) DC to 18.0	Recommended Mating Torque 7.0 to 10.0 In/Lbs	Vibration - MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) 335	Connector Engagement	Shock - MIL-STD-202, Method 213, Condition I
VSWR 1.05+0.06F(GHz) MAX	Center Contact Captivation	Thermal shock MIL-STD-202, Method 107 Test Condition B
Insertion Loss (dB MAX) .06 V(F/GHz)	Axial 6.0 Lbs MIN	EXCEPT HIGH TEMP 115°C
RF Leakage -[60-F(GHz)]	Radial 4.0 In/Oz MIN	Moisture Resistance - MIL-STD-202, Method 106, except Step 7b
Corona, 70,000 Ft (VRMS MIN) 250	Weight (Grans) 4.7	(Vibration) shall be omitted
Dielectric Withstanding Voltage (VRMS MIN) 1000		Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX) 4.0		
Center Contact 2.0		
Outer Contact 2.0		
RF High Potential (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms) 5000		

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A-380
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 OVER NICKEL PLATE PER QQ-N-290
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: 9/17/71	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DESIGNED BY: [Signature]	CHECKED BY: [Signature]	DATE: 9/17/71	NAME: [Signature]	
DIMENSIONS: INCHES	CONTRACT NO. / ORDER NO.	DATE: 9/17/71	PRODUCT SPEC: [Signature]	
0 PLC ± .005	1 PLC ± .005	2 PLC ± .005	3 PLC ± .005	4 PLC ± .005
ANGLES ± .1	APPLICATION SPEC: [Signature]			
MATERIAL: [Signature]	FINISH: [Signature]	WEIGHT: [Signature]	HEIGHT: [Signature]	RESTRICTED TO: [Signature]
CUSTOMER DRAWING			SIZE: A2	CHG CODE: 00779
			DRAWING NO: C=1053635	SCALE: 5:1
			SHEET: 1 of 1	REV: B

AMP 1471-9 REV 31MM2000

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