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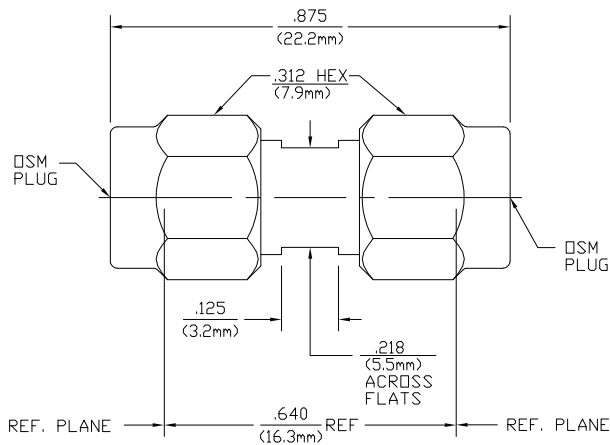
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	MIN	APD
AJ	00	REV PER EDD 07-004710	3/2/2007	DW	KW



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A	TEMPERATURE RATING -65°C TO 165°C
Frequency Range (GHz) DC to 18.0	FIG 310.1	Vibration - MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) 335	Recommended Mating	Shock - MIL-STD-202, Method 213, Condition I
VSWR 1.05 + .005F(GHz) MAX	Torque 7.0 to 10.0 In/Lbs	Thermal shock MIL-STD-202, Method 107 Test Condition C
Insertion Loss (dB MAX) .06 √F(GHz)	Connector Engagement	Moisture Resistance - MIL-STD-202, Method 106, except Step 7b
RF Leakage -[-90-F(GHz)]	2.0 In/Lbs MAX	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation	(Vibration) shall be omitted
Dielectric Withstanding Voltage (VRMS MIN) 1500	Axial 10 Lbs MIN	
Contact Resistance (Milliohms MAX)	Radial N/A	
Center Contact 4.0	Weight (Grams) TBD	
Outer Contact 2.0		
RF High Potential (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms) 10,000		

COMPONENT	MATERIAL	FINISH
HOUSING 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, 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

DIMENSIONS:		OTHER DIMENSIONS:		APPROVALS:		CUSTOMER DRAWING	
INCHES	0	PLC	8	S.M. EDWARDS	9/31/90	TYCO Electronics	Tyco Electronics Corporation
	1	PLC	8	K. MAHER	9/4/90		Harrisburg, PA 17105-3608
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AMP 1471-9 REV 31MM2000

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