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ELECTRICAL  Nominal Impedance (Ohms) 50		MECHANICAL	ENVIRONMENTAL		
		Interface Dimensions MIL-STD-348A,	Temperature Rating -65 TO +165°C		
١	Frequency Range (GHz) DC to 18.0	Fig. <u>304-1 &amp; 2</u>	Vibration, high frequency:		
Valt Rating (VRMS MAX)  8 Sea Level 1,000		Recommended Mating	Interruptions – 1 microsecond, ma		
		Torque 6 TO 10 IN-LBS	Shock MIL-STD-202, Method 213,		
١	VSWR 1.30 MAX 80.5 TO 9 GHz	Mating Characteristics:	Condition i		
Insertion Loss (dB MAX) .05 Vf(GHz)		Insertion (MAX Lbs) 2.0	Thermal Shock MIL-STD-202.		
١	.15 dB MAX 9 9GHz	Withdrawal (MIN Oz) 2.0	Method 107, Condition c,		
RF Leakage (dB MIN) -90 <b>9</b> 2-3 GHz		Force to Engage and	Moisture Resistance MIL-STD-202,		
١	Corona, 70,000 Ft (VRMS MIN) 500	Disengage (In-Lbs MAX) 6.0	Method 106		
Dielectric Withstanding Voltage  (VRMS MIN) 8 Sea Level 2,500  Contact Resistance (Milliohms MAX)		Center Contact Captivation	Corrosion - MIL-STD-202, Method		
		Axial (Lbs) 6.0	101, Condition B. 5% salt spray		
		Radial (In-Oz) N/A			
١	Center Contact 1.5	Cable Retention			
١	Outer Contact 0.3	Axial Force (Lbs) N/A			
١	RF High Potential 8 Sea Level	Torque (In-Oz) N/A	XXX = in		
	(VRMS MIN 6 5 MHz) 1,500	Weight (Grams)TBD	XX.X = mm (REF)		
١	LR.(Megohms MIN) 5,000				

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	or copied or used in whole or in part as the basis for the manufacture or sale o f Item(s) without written	NO. A.P. N/A	size B	26805	3682-00	00-02	REV 01 <sub>1</sub>
These drawings and specifications are the property of M/A COM Interconnect Div. and shall not be reproduced		USE ASSY PROCEDURE	TITLE "OSN" HIGH FREQ(18GHz) PLUG TO "OSN" JACK ADAPTER				
	± 1/64 ±.005 ± 1° APPD E		Waltham, MA 02451-7599				
	DIMENSIONS ARE IN INCHES CHECKE	B.C 10-12-79 DBY R.S 10-12-79			Incorporated Fourth Avenue		
	COMPONENT MATERI  UNLESS OTHERWISE SPECIFIED DRAWN BY DIMENSIONS ARE IN INCHES  B.C 10-12-79		AMD to consiste d				
			IAL		FINISH		
	GASKET	SILICONE RUBBER PER ZZ-R-765		N/A			
	RETAINING RING	PHOSPHOR BRONZE PER QQ-B-750, GRADE B2		N/A			
۲	CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H		GOLD PLATE PER MIL-G-45204			
	DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457		N/A			
	HOUSING STAINLESS STEE ASTM-A484 AND A582, TYPE 303				PASSIVATE PER QQ-P-35		

SCALE

3:1

CUSTOMER DRAWING

AMP PART # 1058663-1 SHEET 1 OF 1 REV A

SHEET 1 OF 1

DATE APPROVED

KYLE 5-23-97 ODP 7/8/97

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