



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	REVISED	2/2/95	[Signature]

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions OSN 304-2 OSM 310-1	Temperature Rating -65°C to +155°C
Frequency Range (GHz) DC to 15	Recommended Mating Torque 12-15 In-Lbs	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX) Sea Level 335	Mating Characteristics: Insertion 2.0 3.0 Withdrawal 1.0 1.0	Shock MIL-STD-202, Method 213, Condition I
VSWR 106 ± 0.05 (GHz) dc to 12.4 0.83 ± 0.23 (GHz) 12.4 to 15.0	Force to Engage/Disengage OSN - 3.0 OSM - N/A	Thermal Shock MIL-STD-202, Method 107, Condition C
Insertion Loss (dB MAX) 18 @ 9 GHz	Contact Retention Axial (Lbs) 5.0 Radial (In-Oz) N/A	Moisture Resistance MIL-STD-202, Method 106 Shall Be Omitted
RF Leakage (dB MIN) -65 @ 2 to 3 GHz	Weight (Grams) TBD	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 FI (VRMS MINI 250)		
Dielectric Withstanding Voltage IVRMS MINI Sea Level 1000		
Contact Resistance (Milliohms MAX) Center Contact 5.0 Outer Contact N/A		
RF High Potential Sea Level IVRMS MIN @ 5 MHz 1000		

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A562, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			DRAWN 4/9/89		M/A-COM, Inc Waltham, MA 02254
FRAC	DEC	ANGLES	CHECKED BY 4/10/89	APPROVED 7/26/89	
± 1/64	± 0.005	± 1°	USE ASSY PROCEDURE		
These drawings and specifications are the property of M/A-COM Interconnect Div. and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.			NO. AP. N/A		TITLE OSM PLUG TO OSN JACK ADAPTER - 4 HOLE FLG SIZE CODE IDENT NO. 3082-4028-02 REV 01
SCALE 3:1			SHEET 1 OF 1		

CUSTOMER 1057402  
SHEET 1 OF 1  
REV 0