				REVISIONS
_	.760		REV	DESCRIPTION
	L	.330		REVISED
"OSX" PLUG 		8.4	/ "OSM" PLUG	
6.4	7.9			
	.640		COUPLING NUT	STAINLESS STEEL PER
REF <del></del>				ASTM-A484 AND ASTM- A582, TYPE 303
	1		DIELECTRIC	PTFE FLUOROCARBON
ELECTRICAL	MECHANICAL	ENVIRONMENTAL		PER ASTM-D-1457
Nominal Impedance (Ohms) 50	Interface Dimensions	Temperature Rating <u>-65° to +125°C</u>	HOUSING	BERYLLIUM COPPER PER
Frequency Range (GHz) DC to 6	SMA per MIL-STD-348A Fig. 310.1	Vibration - MIL-STD-202, Method	CENTER CONTACT	ASTM-B-196 OR ASTM-B-197,
Volt Rating (VRMS MAX)	0SX per CECC 22 220 Fig. 1	204, Condition B		ALLOY C17300, CONDITION H
Ø Sea Level 335	Recommended Mating Torque	Shock - MIL-STD-202, Method 213,	RETAINING RING	BERYLLIUM COPPER PER
VSWR 1.25:1 Max <b>6</b> 4 GHz	7 - 10 in-lbs	Condition A		ASTM-B-194, ALLOY C17200, CONDITION H
1.35:1 Max <b>8</b> 6 GHZ	Mating Characteristics:	Thermal Shock - MIL-STD-202,	CASVET	
Insertion Loss (dB MAX) .1 dB/GHz	SMA	Method 107, Condition B, Except	GASKET	SILICONE RUBBER PER ZZ-R-765
RF Leakage (dB MIN) 60 9 1-3 GHz	Insertion N/A	High Temp Shall Be Omitted		
Corona, 70,000 Ft (VRMS MIN) 250	Withdrawal N/A	Moisture Resistance - MIL-STD-202,	COMPONENT	MATERIAL
Dielectric Withstanding Voltage	Force to Engage/Disengage	Method 106	DIMENSIONS ARE IN INCHES	DRAWN BY DATE DBP 7/5/90
(VRMS MIN) © Sea Level 1,000	SMA 2.0 in-lbs	Corrosion - MIL-STD-202, Method	FRAC. DEC. ANGLES	CHECKED BY BS 7/11/90
Contact Resistance (Milliohms MAX)	OSX 3.4 lbs Max / 1.77 lbs Min	101, Condition B, 48 Hours	$\pm 1/64 \pm .005 \pm 1^{\circ}$	
Center Contact 5.0			These drawings and specifi-	
Outer Contact 2.0	Contact Retention		cations are the property of M/A COM Interconnect Div.	
RF High Potential <b>8</b> Sea Level	Axial (Lbs) 6.0	.XXX = in	and shall not be reproduced or copied or used in whole	
(VRMS MIN 6) 5 MHz) 670	Radial (In-Oz) 4.0	XX.X = mm (REF)	or in part as the basis for the manufacture or sale of	NO. APN/AB 2680
I.R.(Megohms MIN) 10,000	Weight (Grams) TBD	1	item(s) without written permission.	
	1 -	1		SCALE 8:1

## CUSTOMER DRAWING

	DATE APPROVED
	600 5. Mothy 5/28/97 5/29/97
	<u> </u>
Ĥ	GOLD PLATE PER MIL-G-45204
	MIL-0-43204
	N/A
	GOLD PLATE PER MIL-G-45204
	N/A
	N/A
	FINISH
	M/A-COM a Division of AMP Incorporate
m/a	140 Fourth Avenue COM Waltham, MA 02154–7577
'0SX"	PLUG TO "OSM" PLUG
	ADAPTER
DENT NO	E 5881-2241-00 01 <sub>1</sub>
1	SHEET 1 OF 1
	PART # 1061071-1
SHE	ET 1 OF 1 REV A

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