



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	4-17-89	<i>MDD</i>
02 ₀	MAJOR CHANGES PER ECN 90-0034	M.Y. 1-24-90	L.ROSS 2-2-90
02 ₁	.223 WAS .223, UPDATED FORMAT, ECN 90-0248	KCM 3/6/90	BB 3/13/90
02 ₂	INTERFACE DIMENSIONS: WAS FIG 319.2 ECN 90-0564	RJM 7/16/90	BB 7/11/90
02 ₃	ECN 92-0215	<i>MD</i> 04-16-92	M.Y. 4-20-92

NOTES:
1. CAPTURED CENTER CONTACT

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions <u>MIL-STD-348</u>	Temperature Rating <u>-65°C To +165°C</u>
Frequency Range (GHz) <u>DC - 18</u>	<u>FIG 310.2</u>	Vibration - MIL-STD-202, Method 204, Condition D, 20G's
Volt Rating (VRMS MAX) <u>N/A</u>	Recommended Mating	Shock - MIL-STD-202, Method 107, Condition B
VSWR <u>1.04 + (.009 F(GHz))</u>	Torque <u>N/A</u>	Thermal shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) <u>.04 √F(GHz)</u>	Mating Characteristics:	Except High Temp 115°C
RF Leakage (dB MIN) <u>-(100 - F(GHz))</u>	Insertion (MAX Lbs) <u>3.0</u>	Moisture Resistance - MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>333</u>	Withdrawal (MIN Oz) <u>1.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) <u>1000 @ sea level</u>	Force To Engage (In/Lbs MAX) <u>2.0</u>	
Contact Resistance (Milliohms MAX)	Force To Disengage (In/Lbs MAX) <u>2.0</u>	
Center Contact <u>2.0</u>	Center Contact Captivation	
Outer Contact <u>2.0</u>	Axial <u>6.0 Lbs</u>	
RF High Potential (VRMS MIN @ 5 MHz) <u>667 @ sea level</u>	Radial <u>N/A</u>	
I.R.(Megohms) <u>5000</u>	Weight (Grams) <u>T.B.D.</u>	

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
DIELECTRIC	TFE FLUOROCARBON ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
GASKET	CONDUCTIVE ELASTOMETERS PER MIL-G-83528	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ± .005 ± °	DRAWN BY <i>E.F. HOYLE</i>	DATE <i>4/10/89</i>	AMP AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY BB	DATE <i>4/12/89</i>	
These drawings and specifications are the property of Omni Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.	APPROVED BY <i>MDD</i>	DATE <i>4-17-89</i>	TITLE OSM TWO HOLE FLANGE MOUNT JACK RECEPTACLE WITH EMI/RFI GASKET
	USE ASS'Y PROCEDURE	NO. AP. <u>N/A</u>	SIZE B
			CODE IDENT NO. 26805
			2052-3356-00
			REV 02 ₃
		SCALE 5:1	SHEET 1 OF 1