

			REVISIONS																																																		
			REV	DESCRIPTION	DATE	APPROVED																																															
			01 2	REVISED	T.W. 9/5/96	TCm 9/6/96																																															
<table><tr><td>ELECTRICAL</td><td>MECHANICAL</td><td>ENVIRONMENTAL</td></tr><tr><td>Nominal Impedance (Ohms) 50</td><td>Interface Dimensions MIL-STD-348A, Fig. 310.2</td><td>Temperature Rating -65°C to +105°C</td></tr><tr><td>Frequency Range (GHz) DC to 18.0</td><td>Recommended Mating</td><td>Vibration MIL-STD-202, Method 204, Condition D</td></tr><tr><td>Volt Rating (VRMS MAX) @ Sea Level 335</td><td>Torque 7-10 IN LBS</td><td>Shock MIL-STD-202, Method 213, Condition I</td></tr><tr><td>VSWR 1.07 + .01 f(GHz)</td><td>Mating Characteristics:</td><td>Thermal Shock MIL-STD-202, Method 107, Condition A</td></tr><tr><td>Insertion Loss (dB MAX) .03 √f(GHz)</td><td>Insertion (MAX Lbs) 3.0</td><td>Moisture Resistance MIL-STD-202, Method 106</td></tr><tr><td>RF Leakage (dB MIN) -[60-f(GHz)]</td><td>Withdrawal (MIN Oz) 1.0</td><td>Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray</td></tr><tr><td>Corona, 70,000 Ft (VRMS MIN) 250</td><td>Force to Engage and Disengage (In-Lbs MAX) 2.0</td><td></td></tr><tr><td>Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000</td><td>Center Contact Captivation</td><td></td></tr><tr><td>Contact Resistance (Milliohms MAX)</td><td>Axial (Lbs) 6.0</td><td></td></tr><tr><td>Center Contact 2.0</td><td>Radial (In-Oz) 4.0</td><td></td></tr><tr><td>Outer Contact 2.0</td><td>Cable Retention</td><td></td></tr><tr><td>Cable to Housing N/A</td><td>Axial Force (Lbs) N/A</td><td></td></tr><tr><td>RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670</td><td>Torque (In-Oz) N/A</td><td></td></tr><tr><td>I.R.(Megohms MIN) 10000</td><td>Weight (Grams) 1.6</td><td></td></tr></table>			ELECTRICAL	MECHANICAL	ENVIRONMENTAL	Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.2	Temperature Rating -65°C to +105°C	Frequency Range (GHz) DC to 18.0	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D	Volt Rating (VRMS MAX) @ Sea Level 335	Torque 7-10 IN LBS	Shock MIL-STD-202, Method 213, Condition I	VSWR 1.07 + .01 f(GHz)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition A	Insertion Loss (dB MAX) .03 √f(GHz)	Insertion (MAX Lbs) 3.0	Moisture Resistance MIL-STD-202, Method 106	RF Leakage (dB MIN) -[60-f(GHz)]	Withdrawal (MIN Oz) 1.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray	Corona, 70,000 Ft (VRMS MIN) 250	Force to Engage and Disengage (In-Lbs MAX) 2.0		Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Center Contact Captivation		Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0		Center Contact 2.0	Radial (In-Oz) 4.0		Outer Contact 2.0	Cable Retention		Cable to Housing N/A	Axial Force (Lbs) N/A		RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Torque (In-Oz) N/A		I.R.(Megohms MIN) 10000	Weight (Grams) 1.6		HOUSING		STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303		GOLD PLATE PER MIL-G-45204	
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DIELECTRIC		TFE FLUOROCARBON PER ASTM-D-1457		N/A																																																	
CENTER CONTACT		BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H		GOLD PLATE PER MIL-G-45204																																																	
COMPONENT		MATERIAL		FINISH																																																	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1° These drawings and specifications are the property of M/A-COM 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.		DRAWN BY JB DATE 3/31/76		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599																																																	
		CHECKED BY RMF DATE 3/31/76																																																			
		APPD BY BWC DATE 4/1/76		USE ASS'Y PROCEDURE		TITLE OSM 2 HOLE FLANGE MOUNT JACK RECEPTACLE STRAIGHT TERMINAL																																															
NO. AP. N/A		SIZE B		CODE IDENT NO. 26805		2052-5674-00		REV 01 2																																													
SCALE 4:1		SHEET 1 OF 1																																																			

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