



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₃	REVISED	04/12/95	<i>AD</i>

ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) DC to <u>12.4</u>
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>
VSWR <u>1.07</u> +.01 f(GHz)
Insertion Loss (dB MAX) <u>.03</u> √f(GHz)
RF Leakage (dB MIN) [-90-f(GHz)]
Corona, 70,000 Ft (VRMS MIN) <u>375</u>
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u>
Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u> Outer Contact <u>2.0</u> Cable to Housing <u>0.5</u>
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>
LR.(Megohms MIN) <u>10,000</u>

MECHANICAL
Interface Dimensions MIL-STD-348A, Fig. <u>310.2</u>
Recommended Mating Torque <u>N/A</u>
Mating Characteristics: Insertion (MAX Lbs) <u>3.0</u> Withdrawal (MIN Oz) <u>1.0</u>
Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>
Center Contact Captivation Axial (Lbs) <u>6.0</u> Radial (In-Oz) <u>N/A</u>
Cable Retention Axial Force (Lbs MIN) <u>60.0</u> Torque (In-Oz) <u>55.0</u>
Weight (Grams) <u>TBD</u>

ENVIRONMENTAL
Temperature Rating <u>-65°C to +165°C</u>
Vibration MIL-STD-202, Method 204, Condition D.
Shock MIL-STD-202, Method 213, Condition I.
Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +115°C
Moisture Resistance MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
 <u>.XXX = in</u> <u>XX.X = mm</u>

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204
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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY <u>D. CAM</u> 9-17-81		DATE		AMP Incorporated	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		CHECKED BY		APPD BY <u>JB</u> 9/17/81		140 Fourth Avenue Waltham, MA 02451-7599	
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 item(s) without written permission.		USE ASS'Y PROCEDURE		TITLE <u>OSM 2 HOLE FLANGE MOUNT CABLE JACK DIRECT SOLDER ATTACHMNET</u>		AMP	
NO. AP. <u>408-04767 (20-009)</u>		SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	<u>2006-5013-00</u>	REV <u>02₃</u>	SCALE <u>5 : 1</u> SHEET <u>1 OF 1</u>	

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