



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

DESIGNED FOR USE WITH .141 SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.037
HOUSING	.143

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 <u>204, Condition D.</u>
Shock MIL-STD-202, Method <u>213,</u> Condition I.
Thermal Shock MIL-STD-202, Method <u>107, Condition B,</u> Except High Temp +115°C
Moisture Resistance MIL-STD-202, Method <u>106</u>
Corrosion - MIL-STD-202, Method <u>101, Condition B, 5% salt spray</u>
 <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		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.		APPD BY <u>JB</u> 9/17/81		AMP		TITLE <u>OSM 2 HOLE FLANGE MOUNT CABLE JACK DIRECT SOLDER ATTACHMNET</u>	
USE ASS'Y PROCEDURE		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</u> OF <u>1</u>			