



DESIGNED FOR USE WITH .085 SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.020
HOUSING	.089

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 4	REVISED	04/12/95	<i>AD</i>
01 5	REVISED ELECTRICAL SPECS, ECN 98-0001	8/19/1998	<i>S. Morby</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL	COMPONENT	MATERIAL	FINISH
Nominal Impedance (Ohms) <u>50</u> Frequency Range (GHz) <u>DC to 18.0</u> Volt Rating (VRMS MAX) @ Sea Level <u>335</u> VSWR <u>1.07 +.008 f(GHz)</u> Insertion Loss (dB MAX) <u>.03 √f(GHz)</u> RF Leakage (dB MIN) <u>[-90-f(GHz)]</u> Corona, 70,000 Ft (VRMS MIN) <u>250</u> Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u> Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u> Outer Contact <u>2.0</u> Cable to Housing <u>0.5</u> RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u> I.R.(Megohms MIN) <u>10,000</u>	Interface Dimensions MIL-STD-348A, Fig. 310.2 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>30.0</u> Torque (In-Oz) <u>16.0</u> Weight (Grams) <u>TBD</u>	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 <p style="text-align: center;">.XXX = in XX.X = mm (REF)</p>	HOUSING DIELECTRIC CENTER CONTACT COMPONENT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303 PTFE FLUOROCARBON PER ASTM-D-1457 BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H MATERIAL	GOLD PLATE PER MIL-G-45204 N/A GOLD PLATE PER MIL-G-45204 FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°			DRAWN BY RSM 9/27/68 CHECKED BY BW 9/27/68 APP'D BY D. NANIA 10/3/68	AMP Incorporated 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 408-04833 (20-010) NO. AP.	TITLE OSM 4 HOLE FLANGE MOUNT CABLE JACK DIRECT SOLDER ATTACHMNET SIZE B CODE IDENT NO. 26805 2006-5012-00 REV 01 5 SCALE 5 : 1 SHEET 1 OF 1	