



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
040	REVISED	2/27/69	[Signature]

DESIGNED FOR USE WITH .085 SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.089
CONTACT	.021

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.2	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) DC to <u>18</u>	Recommended Mating Torque <u>7-10 In-Lbs</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics: Insertion (MAX Lbs) <u>2.0</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.07 +.008 f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>.03 √f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Except High Temp shall be +115°C
RF Leakage (dB MIN) <u>-(90-fGHz)</u>	Center Contact Captivation Axial (Lbs) <u>N/A</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Cable Retention Axial Force (Lbs) <u>30</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Weight (Grams) _____	
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>670</u>		
I.R.(Megohms MIN) <u>10,000</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 PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY E.J.C. DATE 2/27/69	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599										
	CHECKED BY BCW 2/28/69											
	APP'D BY BCW 2/29/69											
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.	USE ASS'Y PROCEDURE  408-04833 NO. AP. (20-010)	<table border="1"> <tr> <td colspan="2">TITLE OSM 2 HOLE FLANGE MOUNT CABLE JACK - DIRECT SOLDER ATTACHMENT</td> </tr> <tr> <td>SIZE B</td> <td>CODE IDENT NO. 26805</td> </tr> <tr> <td>SCALE 4:1</td> <td>2006-5010-00</td> </tr> <tr> <td></td> <td>REV 040</td> </tr> <tr> <td colspan="2">SHEET 1 OF 1</td> </tr> </table>	TITLE OSM 2 HOLE FLANGE MOUNT CABLE JACK - DIRECT SOLDER ATTACHMENT		SIZE B	CODE IDENT NO. 26805	SCALE 4:1	2006-5010-00		REV 040	SHEET 1 OF 1	
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CUSTOMER DRAWING

AMP PART # 1051046-1  
SHEET 1 OF 1 REV A

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