



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>2</sub>	SEE ECN 80-0084	VM 2/22/80	BZ 2/28/80
01 <sub>3</sub>	REDRAWN ON CAD, ECN 92-0010	<i>OKR</i> 07/09/92	<i>M.M.</i> 07/14/92
01 <sub>4</sub>	REVISED PER ECN 99-0094	DM 7/16/99	<i>S. Mady</i>

DESIGNED FOR USE WITH .141 DIA S.R. CABLE CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.144
CONTACT	.037

ELECTRICAL	MECHANICAL	ENVIRONMENTAL	HOUSING	DIELECTRIC	CENTER CONTACT	COMPONENT	MATERIAL	FINISH
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.2	Temperature Rating <u>-65°C to +125°C</u>	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PTFE FLUOROCARBON PER ASTM-D-1457	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204		
Frequency Range (GHz) DC to <u>18</u>	Recommended Mating Torque <u>N/A</u>	Vibration MIL-STD-202, Method 204, Condition D				N/A		
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Mating Characteristics: Insertion (MAX Lbs) <u>3</u>	Shock MIL-STD-202, Method 213, Condition I						
VSWR <u>1.05 + .005 f(GHz)</u>	Withdrawal (MIN Oz) <u>1</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 115°C						
Insertion Loss (dB MAX) <u>.03 √f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2</u>	Moisture Resistance MIL-STD-202, Method 106						
RF Leakage (dB MIN) <u>-[90-{f(GHz)}]</u>	Center Contact Captivation Axial (Lbs) <u>N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray						
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Radial (In-Oz) <u>N/A</u>							
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u>	Cable Retention Axial Force (Lbs) <u>60 Min</u>							
Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u>	Torque (In-Oz) <u>55 Min</u>							
Outer Contact <u>2.0</u>	Weight (Grams) <u>TBD</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>5,000</u>								

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCE ON  
FRAC. DEC. ANGLES  
± 1/64 ±.005 ± °

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CHECKED BY ED 8/19/67  
APPD BY D.NANIA 8/31/67

**AMP**  
AMP Incorporated  
140 Fourth Avenue  
Waltham, MA 02451-7599

USE ASS'Y PROCEDURE  
408-04767  
(20-009)  
NO. AP.

TITLE OSM 4-HOLE FLANGE MOUNT  
CABLE JACK  
DIRECT SOLDER ATTACHMENT

SIZE B	CODE IDENT NO. 26805	2006-7941-00	REV 01 <sub>4</sub>
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