



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>2</sub>	REDRAWN IN CAD PER ECN 98-0001	PATLAN 2/20/98 3/20/98	<i>[Signature]</i>

ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) DC to <u>28.0</u>
Volt Rating (VRMS MAX) @ Sea Level <u>250</u>
VSWR <u>1.05 + .01f(GHz)</u>
Insertion Loss (dB MAX) <u>.04 √f GHz</u>
RF Leakage (dB MIN) <u>-[60-f(GHz)]</u>
Corona, 70,000 Ft (VRMS MIN) <u>190</u>
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>675</u>
Contact Resistance (Milliohms MAX) Center Contact <u>6.0</u> Outer Contact <u>3.0</u> Cable to Housing <u>N/A</u>
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>500</u>
LR.(Megohms MIN) <u>5,000</u>

MECHANICAL
Interface Dimensions PER <u>M/A-COM CATALOG</u>
Force to Engage (IN-LBS MAX) <u>3.0</u> Disengage (In-Lbs MAX) <u>1.5</u>
Center Contact Captivation Axial (Lbs) <u>4.0</u>
Weight (Grams) <u>N/A</u>

ENVIRONMENTAL
Temperature Rating <u>-65° TO +125°C</u>
Vibration MIL-STD-202, Method 204, Condition D
Shock MIL-STD-202, Method 213B, Condition I
Thermal Shock MIL-STD-202, Method 107, Condition B,
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 (REF)</u>

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE 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
O-RING	FLUOROSILICONE 60 (DUROMETER) PER MIL-P-25988, CLASS 1, TYPE 1	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY D.CAM	DATE 10/15/84		<b>AMP Incorporated</b> 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. ± 1/64	CHECKED BY PCV	DATE 01/02/85		
DEC. ± .005	APP'D BY PCV	DATE 02/04/85		
ANGLES ± 1°	USE ASSY PROCEDURE		TITLE "OSSP" PANEL FEEDTHRU PLUG RECEPTACLE- STRAIGHT TERMINAL	
NO. A.P. <u>47-020</u>	SIZE B	CODE IDENT NO. 26805	4757-1154-02	REV 01 <sub>2</sub>
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CUSTOMER DRAWING

AMP PART # 1059901-1  
SHEET 1 OF 1 REV B  
PER EC # OU20-0261-01

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