



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	RELEASED	03/27/95	JAD
B	REVISED PER ECN 0U20-0262-01	G.V. 12/17/02	JGH

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
NOMINAL IMPEDANCE (OHMS) <u>50 ± 1</u>	Interface Dimensions Per <u>M/A-COM CATALOG</u>	TEMPERATURE RATING <u>-65°C TO +125°</u>
Frequency Range (GHz) <u>DC TO 18</u>	Recommended Mating Torque <u>N/A</u>	Vibration - MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Mating Characteristics:	Shock - MIL-STD-202, Method 213, Condition I
VSWR <u>1.05 +.005F(GHz)</u>	Insertion (MAX Lbs) <u>N/A</u>	Thermal shock MIL-STD-202, Method 107 Test Condition B
Insertion Loss <u>.03 x √F(GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Moisture Resistance - MIL-STD-202 Method 106
RF Leakage (dB MIN) (INTERFACE ONLY-FULLY MATED) <u>-(90-F(GHz))</u>	Connector Engagement and Disengagement (In/Lbs MAX) <u>N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) <u>335</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) <u>1000</u>	Axial <u>6 LBS</u>	
Contact Resistance (Milliohms MAX)	Radial <u>NONE</u>	
Center Contact <u>2.0</u>	Cable Retention	
Outer Contact <u>2.0</u>	Axial Force <u>N/A</u>	
RF High Potential	Torque <u>N/A</u>	
(VRMS MIN @ 5 MHz) <u>1000</u>	Weight (Grams) <u>1.8</u>	
I.R.(Megohms) <u>5000</u>	Hermetic Seal <u>N/A</u>	

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT SLIDING CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
O-RING	FLUOROSILICONE PER MIL-R-25988, CLASS I, TYPE I.	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY <u>JAD</u> DATE <u>03/27/95</u>		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
FRAC. DEC. ANGLES ± 1/64 ± .005 ± 1°		CHECKED BY <u>JAD</u> DATE <u>03/27/95</u>			
These drawings and specifications are the property of M/A COM Interconnect Div. and shall not be reproduced or in part as the basis for the manufacture or sale of item(s) without written permission.		USE ASS'Y PROCEDURE		TITLE <u>OSP BULKHEAD FEEDTHROUGH PLUG RECEPTACLE FRONT MOUNT SLIDING SLOTTED TERMINAL</u>	
NO. A.P. <u>N/A</u>		SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	4557-5068-02	REV <u>01</u>
		SCALE <u>6:1</u>			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1059629-1
SHEET 1 OF 1 REV B