



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₁	REVISED	2/3/95	<i>M.A.</i>

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC to 18 GHz
Volt Rating (VRMS MAX)	
@ Sea Level	335
VSWR	1.05 + .005 fGHz
Insertion Loss (dB MAX)	.03 √f(GHz)
RF Leakage (dB MIN)	-[90-f(GHz)]
Corona, 70,000 Ft (VRMS MIN)	250
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	1000
Contact Resistance (Milliohms MAX)	
Center Contact	2.0
Outer Contact	2.0
Cable to Housing	N/A
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	670
I.R.(Megohms MIN)	10,000

MECHANICAL	
Interface Dimensions MIL-STD-348A, Fig.	310.2
Recommended Mating Torque	7-10 LBS
Mating Characteristics:	
Insertion (MAX Lbs)	3.0
Withdrawal (MIN Oz)	1.0
Force to Engage and Disengage (In-Lbs MAX)	2 IN-LBS
Center Contact Captivation	
Axial (Lbs)	6.0
Radial (In-Oz)	N/A
Weight (Grams)	2.9

ENVIRONMENTAL	
Temperature Rating	-65 C° TO +125 C°
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	
Moisture Resistance MIL-STD-202, Method 106, Except Vibration	
Shall Be Omitted	
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray	

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
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 COPPER PLATE PER MIL-C-14550

<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °</small>	DRAWN BY ED HOYLE	DATE 2/28/86	AMP	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY L.BELOPOLSKY	3/11/86		
<small>These drawings and specifications are the property of M/A-COM Interconnect Division 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.</small>	USE ASS'Y PROCEDURE	TITLE OSM 4 HOLE FLANGE MOUNT JACK RECEPTACLE STRAIGHT TERMINAL		
	NO. AP. <u>N/A</u>	SIZE B	CODE IDENT NO. 26805	REV 02₁
		SCALE 4:1	2052-1901-02	SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1052596-1
SHEET 1 OF 1 REV A

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