



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	6/25/98	<i>J. Cornelli</i>
B	REVISED PER 0U20-0262-01	GV 1/6/03	JGH

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348, Fig. 321.1	TEMPERATURE RATING -65°C TO 125°C
Frequency Range (GHz) DC to 2	Force to Engage (Lbs MAX) 3	Vibration MIL-STD-202, Method 204
Volt Rating (VRMS MAX) @ Sea Level 335	Force to Disengage (Lbs MAX) 1.5	204, Condition D
VSWR 1.12 MAX	Center Contact Captivation	Shock MIL-STD-202, Method 213, Condition I
Insertion Loss (dB MAX) .08√F(GHz)	Axial (Lbs) 6.0	Thermal Shock MIL-STD-202, Method 107, Condition B,
RF Leakage (dB MIN) -[90-F(GHz)]	Radial (In/Dz) 4.0	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
Corona, 70,000 Ft (VRMS MIN) 250	Weight (Grams) TBD	Shall Be Omitted
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000		Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX)		
Center Contact 3.0		
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		

HOUSING	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 CONTACT EXT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
O-RING	FLOUROSILOCONE PER MIL-R-25988, CLASS I, TYPE I.	N/A
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
GEN. TOL. ±.010	ANGLES ± 1°	
DRAWN BY <i>J. Cornelli</i>	DATE 5/7/98	M/A-COM a Division of AMP Incorporated 140 Fourth Avenue Waltham, MA 02154-7577
CHECKED BY		
APP'D BY <i>J. Cornelli</i>	DATE 6/25/1998	AMP M/A-COM
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TITLE OSP RIGHT ANGLE 4 HOLE FLANGE MOUNT PLUG RECEPTACLE STRAIGHT TERMINAL		
.XXX = in	XX.X = mm (REF)	
SIZE B	CODE IDENT NO. 26805	4553-5005-02
SCALE 4:1		REV 010
		SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1312302-1
SHEET 1 OF 1 REV B