



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
011	TITLE BLOCK - 26805 WAS 16179, DELETED ELEC. & MECH. REQ NOTE PER ECN 91-0031-2	CW 1/8/91	MC 1-8-91
012	REVISED AND REDRAWN PER ECN 88-0678	<del>CW</del> 12/18/91	CAS 1/7/92

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions per MIL-STD-348A	Temperature Rating -65°C to +165°C
Frequency Range (GHz) DC to 15	OSN - Fig. 304.1	Vibration MIL-STD-202, Method 204, Condition
Volt Rating (VRMS MAX) Sea Level 335	OSM - Fig. 310.2	Shock MIL-STD-202, Method 213, Condition I
VSWR 106+.005f(GHz) DC to 12.4 GHz	Recommended Mating Torque	Thermal Shock MIL-STD-202, Method 107, Condition C.
0.83+.023f(GHz) 12.4 to 15.0 GHz	12-15 In-Lbs	Moisture Resistance MIL-STD-202, Method 106 200 Megohms Min
Insertion Loss (dB MAX) .18dB @ 9 GHz	7-10 In-Lbs	
RF Leakage (dB MIN) -65, 2 to 3 GHz	Mating Characteristics:	
Corona, 70,000 Ft (VRMS MIN) 250	Insertion 3 Lbs MAX	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Withdrawal 1 Oz MIN	
Contact Resistance (Milliohms MAX)	Force to Engage/Disengage 2 In-Lbs MAX	
Center Contact .41	Contact Retention	
Outer Contact .22	Axial (Lbs) 6 MIN	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1000	Radial (In-Oz) 4 MIN	
IR (Megohms MIN) 5000	Weight (Grams) TBD	

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	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
RETAINING RING	PHOSPHOR BRONZE PER QQ-B-750, GRADE B2	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY B. ST. HILAIRE	DATE 6/14/88	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY SNA	6/17/88	
APPROVED BY B. CLEVELAND		6/14/88	
USE ASSY PROCEDURE		TITLE OSN PLUG TO OSM JACK ADAPTER	
NO. AP. N/A	SIZE B	CODE IDENT NO. 26805	REV 012
	SCALE 3:1	3082-4031-02	SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1057403-1  
SHEET 1 OF 1 REV A