



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	REDRAWN IN CAD, UPDATED TO NEW STANDARD PER ECN 92-0010	11/20/92	BB Com 11/30/92

COMPONENT	MATERIAL	FINISH
HOUSING BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
SPRING	STAINLESS STEEL	PASSIVATED
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
CONTACT RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-C-45204

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions See OMNI - SPECTRA CATALOG	Temperature Rating -65° to +125°C
Frequency Range (GHz) DC to 18	Mating Characteristics (OSP & OSM):	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 500	Insertion (MAX Lbs) 3	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05 + .005 f(GHz)	Withdrawal (MIN Oz) 1	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .04 √f(GHz)	Force to Engage:	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(90-f(GHz))	OSP (Lbs MAX) 3	Corrosion - MIL-STD-202, Method 101, Condition B, 5% Salt Spray
Corona, 70,000 Ft (VRMS MIN) 375	OSM (In-Lbs MAX) 2	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1500	Force to Disengage:	
Contact Resistance (Milliohms MAX)	OSP (Lbs MAX) 1.5	
Center Contact 2.0	OSM (In-Lbs MAX) 2	
Outer Contact 2.0	Center Contact Captivation	
Cable to Housing N/A	Axial (Lbs) 6	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1000	Cable Retention	
I.R.(Megohms MIN) 5000	Axial Force (Lbs MIN) N/A	
	Torque (In-Oz MIN) N/A	
	Weight (Grams) TBD	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY BHM	DATE 9/14/90	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY JAS	
These drawings and specifications are the property of Omni Spectra Incorporated 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.	APPD BY		AMP TITLE OSP FLOATING FLANGE MOUNT JACK TO OSM JACK ADAPTER SIZE B CODE IDENT NO. 26805 4584-4025-02 REV 01 SCALE 2:1 SHEET 1 OF 1
	USE ASS'Y PROCEDURE		
	NO. AP. N/A		

CUSTOMER DRAWING

AMP PART # 1059738-1
SHEET 1 OF 1 REV A