



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
05 ₃	REVISED	T.M. 12-19-95	12/21/95

NOTE:

* SPECIFICATIONS SHOWN DERIVED FROM CONNECTOR/SHROUD ASSEMBLIES

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50 ±1	Force to Engage (Lbs MAX) _____	Temperature Rating -65° to +165°C
Frequency Range (GHz) DC to 40GHz	Full Detent 10.0	Vibration MIL-STD-202, Method 204, Condition D
*Volt Rating (VRMS MAX) 335	Half Detent 5.0	Thermal Shock MIL-STD-202, Method 213, Condition I
Ø Sea Level	Smooth Bore 2.0	Corrosion - MIL-STD-202, Method 101, Condition B
*VSWR 1:10:1 MAX dc-23.0 GHz	Disengage (Lbs MIN) _____	Moisture Resistance - MIL-STD-202 Method 106, except step 7b shall be omitted. Resistance shall be 200 megohms within 5 min. after removal from humidity.
1:15:1 MAX 23.0 - 26.0 GHz	Full Detent 2.0	
1:40:1 MAX 26.0 - 40.0 GHz	Half Detent 15	
RF Leakage (dB MAX) -80 to 3GHz, -65 from 3 to 26.5 GHz	Smooth Bore 0.5	
*Insertion Loss (dB MAX) 0.10 √f (GHz)	Center Contact Retention (Lbs MIN) 15	
Corona, 70,000 Ft (VRMS MIN) 190		
*Dielectric Withstanding Voltage (VRMS MIN) Ø Sea Level 500		
Contact Resistance (Milliohms MAX) Center Contact(Mated Pair) 6.0		
Outer Contact 2.0		
*RF High Potential Ø Sea Level (VRMS MIN Ø 5 MHz) 325		
I.R.(Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
HOUSING CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DATE 04-17-92	AMP Incorporated
TOLERANCE ON	CHECKED BY (M) Down	140 Fourth Avenue
FRAC. DEC. ANGLES ± 1/64 ± .005 ± °	APPROVED BY [Signature]	Waltham, MA 02451-7599
These drawings and specifications are the property of Oerli 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 items without written permission.	DATE 4/20/92	
USE ASSY PROCEDURE		TITLE OSM JACK TO JACK ADAPTER
NO. AP. N/A		SIZE B CODE IDENT NO. 26805
		SCALE 20 : 1
		2980-0000-62
		REV 05 ₃
		SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1059829-1
SHEET 1 OF 1 REV A