



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	12/8/92	<i>[Signature]</i>
B	PER EC 0U20-0116-01-02	10/26/01	<i>C. Hoang</i>

DESIGNED FOR USE WITH .047 DIA. S.R. CABLE CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.050
CONTACT	.0124

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions <u>DESC SPEC 85701</u>	Temperature Rating <u>-65°C to +125°C</u>
Frequency Range (GHz) <u>DC to 18</u>	Mating Characteristics:	Vibration - MIL-STD-202, Method 204, Condition D, 20G's
Volt Rating (VRMS MAX) at Sea Level <u>335</u>	Insertion (MAX Lbs) <u>3</u>	Shock - MIL-STD-202, Method 213, Condition I, 100 G's
VSWR <u>1.07 ±.010f(GHz)</u>	Withdrawal (MIN Oz) <u>1</u>	Thermal shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) <u>.05 X√f(GHz)</u>	Force To Engage (Lbs MAX) <u>3</u>	Moisture Resistance - MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only - Fully Mated) <u>[-90-f(GHz)]</u>	Force To Disengage (Lbs MAX) <u>1.5</u>	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) <u>750</u>	Axial <u>6 Lbs MIN</u>	
Contact Resistance (Milliohms MAX)	Radial <u>NONE</u>	
Center Contact <u>2.0</u>	Cable Retention	
Outer Contact <u>2.0</u>	Axial (Lbs MIN) <u>20</u>	
Cable To Housing <u>0.5</u>	Torque (In-Oz MIN) <u>N/A</u>	
RF High Potential (VRMS MIN @ 5 MHz) <u>500</u>	Weight (Grams) <u>TBD</u>	
LR.(Megohms) <u>5000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING WASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
INNER HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
SPRING	STAINLESS STEEL	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM-B196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT RING	BERYLLIUM COPPER PER ASTM-B194, ALLOY 25	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM-B194, ALLOY 25	NICKEL PLATE PER QQ-N-290 OVER COPPER PLATE PER MIL-C-14550
SPRING WASHER	BERYLLIUM COPPER PER ASTM-B194, ALLOY 25	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY <i>M.M.</i> DATE 12/14/92	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	CHECKED BY		
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.	APPROVED BY <i>[Signature]</i> DATE 12/8/92	AMP	
	USE ASS'Y PROCEDURE 408-04610 NO. AP. (45-145)	TITLE OSP FLOATING FLANGE MOUNT CABLE JACK DIRECT SOLDER ATTACHMENT	
		SIZE B	CODE IDENT NO. 26805
	SCALE 3:1	SHEET 1 OF 1	

CUSTOMER DRAWING

AMP PART # 1046486-1
SHEET 1 OF 1 REV B