



DESIGNED FOR USE WITH RG-316/U, 179, 187, 188 CABLES	
CABLE ENTRY DIAMETER MINIMUM	021
HOUSING	.067
FERRULE	.125
CONTACT	.023

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
021	REVISED	6/15/93	JJ

COMPONENT	MATERIAL	FINISH
HOUSING BUSHING SPRING	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
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 SHIM	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	NICKEL PLATE PER QQ-N-290 OVER COPPER PLATE PER MIL-C-14550
RETAINING CLIP	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	GOLD PLATE PER MIL-G-45204
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions PER OMNI SPECTRA CATALOG	Temperature Rating -65° to +125°C
Frequency Range (GHz) DC to 18	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	Insertion (MAX Lbs) 3	Shock MIL-STD-202, Method 213, Condition I
Sea Level 250	Withdrawal (MIN Oz) 1	Thermal Shock MIL-STD-202, Method 107, Condition B
VSWR 1.15-0.1F(GHz)	Force to Engage (In/Lbs MAX) 3	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) .03x√f(GHz)	& Disengage (In/Lbs MAX) 15	Corrosion - MIL-STD-202, Method 101, Condition B
RF Leakage (dB MIN) Interface Only, Fully Mated -90-f(GHz)	Center Contact Captivation Axial (Lbs) 6	
Corona, 70,000 Ft (VRMS MIN) 190	Cable Retention Axial Force (Lbs MIN) 20	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Weight (Grams) TBD	
Contact Resistance (Milliohms MAX)		
Center Contact 2.0		
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500		
IR.(Megohms MIN) 5000		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY JP	DATE 3-8-83	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
FRAC. DEC. ANGLES ± 1/64 ± .005 ± °	CHECKED BY	APPROVED BY PCV	AMP	
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 items without written permission.	USE ASSY PROCEDURE	408-08273 NO. AP. (45-020)	TITLE OSP FLOATING PANEL FEEDTHRU REAR MOUNT CABLE JACK - CRIMP ATTACHMENT	
	SIZE B	CODE IDENT NO. 26805	4540-7388-02	REV 021
	SCALE 2:1			SHEET 1 OF 1

CUSTOMER DRAWING AMP PART # 1059551-1
SHEET 1 OF 1 REV A