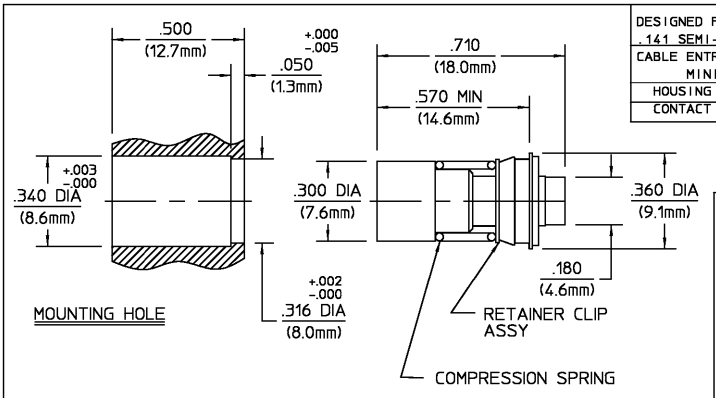

DESIGNED FOR USE WITH .141 SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.144
CONTACT	.037

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
04_0	SEE ECN 93-0041-1	4/1/93	3/25/93

COMPONENT	MATERIAL	FINISH
HOUSING BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
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
RETAINING CLIP CONTACT RING SHIM	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
SPRING	STAINLESS STEEL	PASSIVATE PER QQ-P-35
RETAINING RING	BERYLLIUM COPPER PER QQ-C-533	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz) DC to	22
Volt Rating (VRMS MAX)	
@ Sea Level	500
VSWR 1.02+.005f(GHz) DC to 18 GHz	
1.02+.008f(GHz) 18 to 22 GHz	
Insertion Loss (dB MAX)	$.03x\sqrt{f(GHz)}$
RF Leakage (dB MIN) (Interface Only, Fully Mated)	-(90-f(GHz))
Corona, 70,000 Ft (VRMS MIN)	375
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	1500
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)	1000
I.R.(Megohms MIN)	5000

MECHANICAL	
Interface Dimensions	DESC SPEC 85071
Mating Characteristics:	
Insertion (MAX Lbs)	3
Withdrawal (MIN Oz)	1
Force to Engage (In-Lbs MAX)	3
& Disengage (In-Lbs MAX)	15
Center Contact Captivation	
Axial (Lbs)	6
Cable Retention	
Axial Force (Lbs MIN)	60
Torque (In-Oz MIN)	55
Weight (Grams)	

ENVIRONMENTAL
Temperature Rating -65° to +125°C
Vibration MIL-STD-202, Method 204, Condition D
Shock MIL-STD-202, Method 213, Condition I
Thermal Shock MIL-STD-202, Method 107, Condition B
Moisture Resistance MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method 101, Condition B

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCE ON
FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY D.CAM 5/29/85
CHECKED BY L.B. 6/6/85
APP'D BY R.R. 6/7/85

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USE ASS'Y PROCEDURE

NO. A.P. 408-08279 (45-035)

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE OSP FLOATING PANEL FEED-THRU REAR MOUNT CABLE JACK SOLDER ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	4510-7941-00	04_0
SCALE 3:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1059465-1
SHEET 1 OF 1 REV A

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