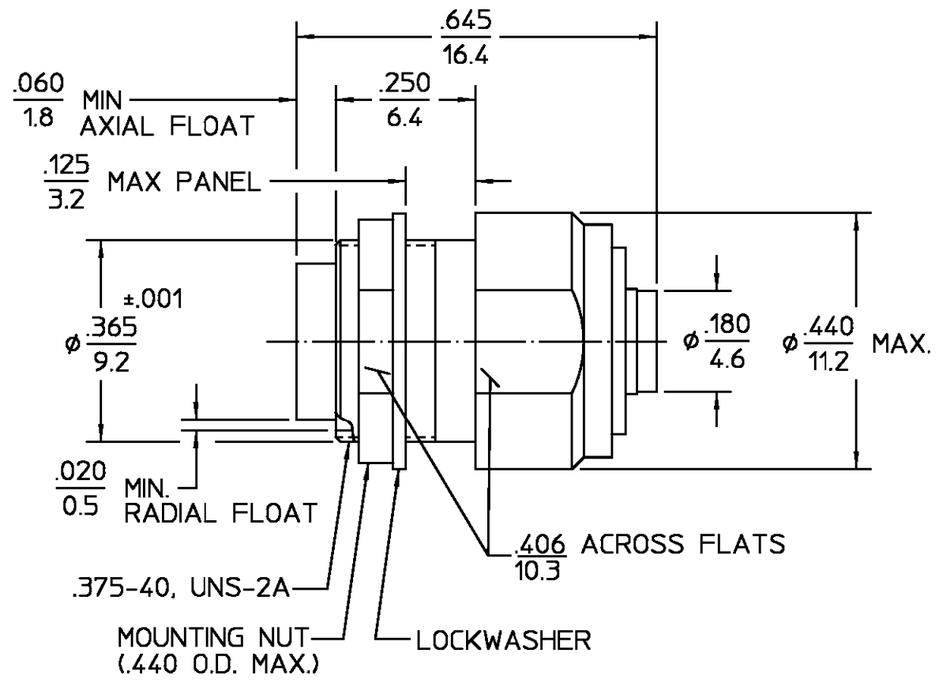
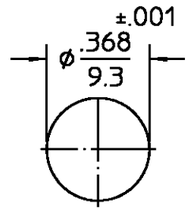


DESIGNED FOR USE WITH .141 S.R. CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.145
CONTACT	.0369

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
03_0	REVISED	6/30/97	7/1/97

RECOMMENDED MOUNTING HOLE
scale: 2:1



NOTES:

1. CAPTURED CENTER CONTACT

COMPONENT	MATERIAL	FINISH
HOUSING, OUTER MOUNTING NUT WASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
INNER HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	NICKEL PLATE PER QQ-N-290
LOCKWASHER	CARBON STEEL 1050	GOLD PLATE PER MIL-G-45204
SPRING	MUSIC WIRE	NICKEL PLATE PER QQ-N-290

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz) DC to	22
Volt Rating (VRMS MAX)	
@ Sea Level	335
VSWR 1.05+.005f(GHz) DC to 18 GHz	
1.05+.009f(GHz) DC 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)	250
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	1000
Contact Resistance (Milliohms MAX)	
Center Contact	2.0
Outer Contact	2.0
Cable to Housing	0.5

ELECTRICAL (cont)	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	670
I.R.(Megohms MIN)	5000

MECHANICAL	
Interface Dimensions	MIL-STD-348A FIG. 321
Mating Characteristics:	
Insertion (MAX Lbs)	3
Withdrawal (MIN Oz)	1
Force to Engage (In-Lbs MAX)	3
& Disengage (In-Lbs MAX)	1.5
Center Contact Captivation	
Axial (Lbs)	6
Cable Retention	
Axial Force (Lbs MIN)	30
Torque (In-Oz MIN)	16
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

.XXX = in
XX.X = mm (REF)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY	KCM	DATE 1/29/88
CHECKED BY	MH/M	3/30/88
APP'D BY	DC	3/30/88

USE ASS'Y PROCEDURE

408-08281
NO. A.P. (45-046)

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE OSP FLOATING PANEL FEEDTHRU CABLE JACK DIRECT SOLDER ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	4522-7941-02	03_0
SCALE 4:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1059505-1
SHEET 1 OF 1 REV A