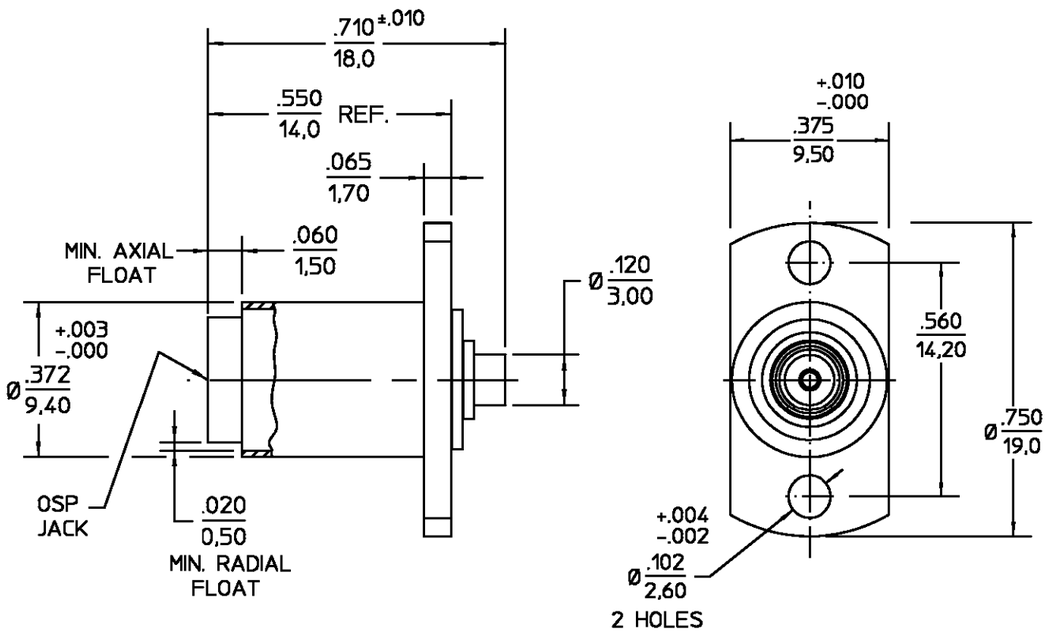
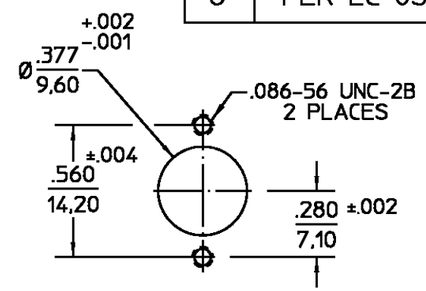
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
0	PER EC 0S14-0067-01	08NOV01	C. Hoang 08NOV01





RECOMMENDED MOUNTING

DESIGNED FOR USE WITH .085 DIA SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.089
CONTACT	.021

NOTES:
1. DESIGNED FOR USE WITH Ø.085 (RG 405/U) SEMI-RIGID CABLE.
2. CAPTURED CENTER CONTACT.

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC to 22
Volt Rating (VRMS MAX) @ Sea Level	450
VSWR	1.05+.005f(GHz) DC to 18 GHz; 1.05+.009f(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)	335
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
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	670
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)	1.5
Center Contact Captivation Axial (Lbs)	6
Cable Retention	
Axial Force (Lbs MIN)	30
Torque (In-Oz MIN)	16
Weight (Grams)	5.4

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, 5% Salt Spray

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

COMPONENT	MATERIAL	FINISH
INNER 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
OUTER HOUSING SPRING WASHER	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 COPPER 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
SPRING WASHER	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	NICKEL PLATE PER QQ-N-290

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

		DATE
DRAWN BY	BDW	6-9-88
CHECKED BY	MY	6-14-88
APP'D BY	DCAM	6-14-88

AMP

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

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USE ASS'Y PROCEDURE

NO. A.P. 45-008

TITLE OSP FLOATING FLANGE MOUNT CABLE JACK - DIRECT SOLDER ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	4506-5041-02	01 0
SCALE 3:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1046485-1
SHEET 1 OF 1 REV 0