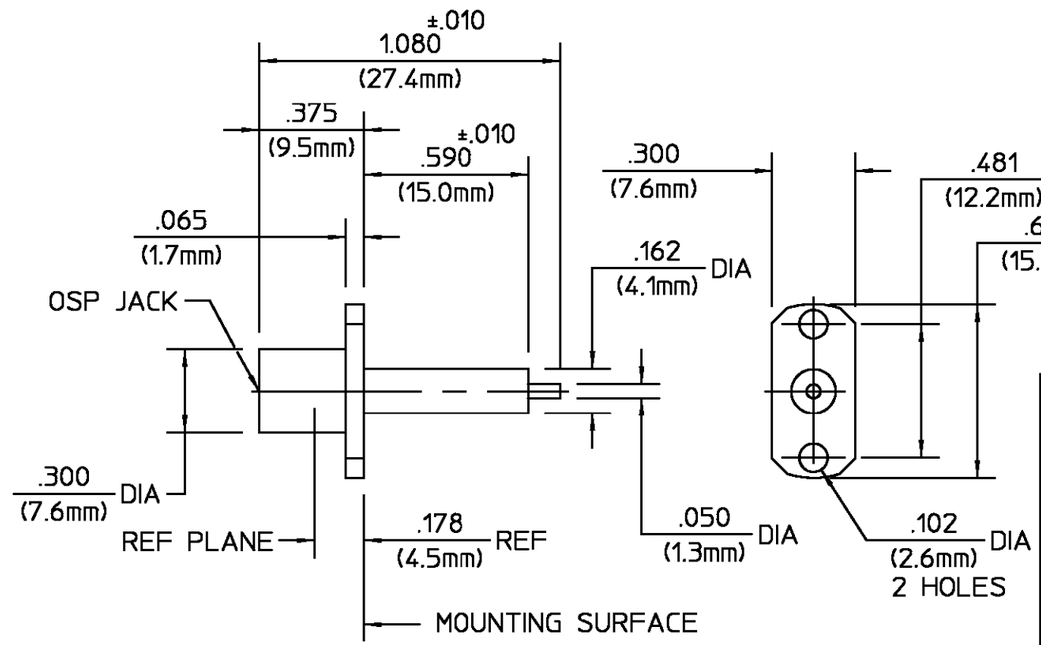

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 0	RELEASED	10/23/85	R.GIERAS
02 1	REDAWN IN CAD PER ECN 88-0678	EFH 3/8/90	KCM

NOTES:

1. CAPTURED CENTER CONTACT

ELECTRICAL	
Nominal Impedance (Ohms)	50±1
Frequency Range (GHz)	DC TO 18
Volt Rating (VRMS MAX) (at sea level)	500
VSWR	1.05+.005f(GHz) DC TO 18GHz
Insertion Loss (dB MAX)	$.03x\sqrt{f(GHz)}$
RF Leakage (dB) (Interface only fully mated)	-(90 -f(GHz))
Corona, 70 Ft (VRMS MIN)	335
Dielectric Withstanding Voltage (VRMS MIN)	1000
Contact Resistance (Milliohms MAX)	
Center Contact	2.0
Outer Contact	2.0
RF High Potential (VRMS MIN @ 5 MHz)	1000
I.R. (Megohms)	5000

MECHANICAL	
Interface Dimensions	DESC SPEC 85071
Recommended Mating Torque	N/A
Mating Characteristics:	
Insertion (MAX Lbs)	3
Withdrawal (MIN Oz)	1
Force to Engage (In/Lbs MAX)	3
Force to Disenage (In/Lbs MAX)	1.5
Center Contact Captivation:	
Axial	6 LBS MIN
Radial	NONE
Cable Retention	N/A
Weight (Grams)	3.3

ENVIRONMENTAL	
Temperature Rating	-65°C 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

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER MIL-P-19468, FED SPEC L-P-403 AND ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
CONTACT RING	BERYLLIUM COPPER PER ASTM-B194	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

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

DRAWN BY J.P. DATE 4/6/83
CHECKED BY L.BELOPOLSKY 10/18/85
APP'D BY R.GIERAS 10/23/85

AMP

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

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USE ASS'Y PROCEDURE

NO. A.P. N/A

TITLE
OSP 2 HOLE FLANGE MOUNT JACK RECEPTACLE STRAIGHT TERMINAL

SIZE	CODE IDENT NO.		REV
B	26805	4552-1352-02	02 1
SCALE 2:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1059596-1
SHEET 1 OF 1 REV A