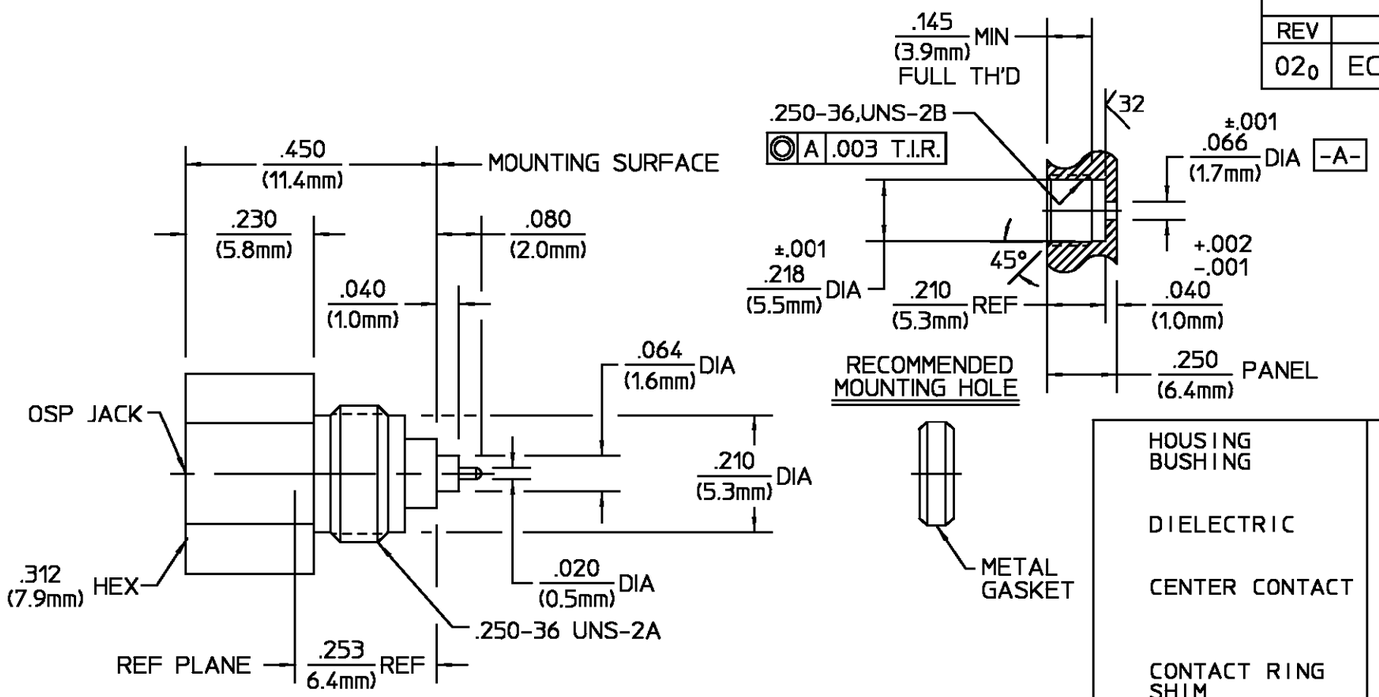
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02_0	ECN 93-0059	3/17/93	3/30/93



ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz) DC to	18
Volt Rating (VRMS MAX)	
@ Sea Level	335
VSWR 1.04+.009f(GHz)	
Insertion Loss (dB MAX) .05x$\sqrt{f(GHz)}$	
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	1,000
Contact Resistance (Milliohms MAX)	
Center Contact	6.0
Outer Contact	2.0
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	1,000
I.R.(Megohms MIN)	5,000

MECHANICAL	
Interface Dimensions per Omni Spectra Catalog	
Mating Characteristics:	
Insertion (MAX Lbs)	3
Withdrawal (MIN Oz)	1
Force to Engage (Lbs MAX)	3.0
& Disengage (Lbs MAX)	1.5
Center Contact Captivation Axial (Lbs MIN)	6.0
Weight (Grams)	TBD

ENVIRONMENTAL
Temperature Rating -65° to +125°C
Vibration MIL-STD-202, Method 204, Condition D, 20G's
Shock MIL-STD-202, Method 213, Condition I, 100G's
Thermal Shock MIL-STD-202, Method 102, Condition C
Moisture Resistance MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method 101, Condition B
Hermetic Seal Leak Rate (@ 1 Atm) 1×10^{-8} cc/sec

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 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
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
BUSHING CONTACT EXT	IRON-NICKEL-COBALT ALLOY PER MIL-I-23011, CLASS 1 (KOVAR)D	GOLD PLATE PER MIL-G-45204
METAL GASKET	SAE C12L14 STEEL	SILVER PLATE PER QQ-S-365 OVER NICKEL PLATE
GLASS SEAL	GLASS BEAD	N/A

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

DRAWN BY E.F.HOYLE DATE 2/16/89
CHECKED BY L ROSS 2/17/89
APPD BY 2/22/89

AMP

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USE ASS'Y PROCEDURE

NO. A.P. 408-08288 (45-105)

TITLE OSP PANEL FEEDTHRU HERMETIC JACK RECEPTACLE ACCEPTS .020 DIA PIN

SIZE	CODE IDENT NO.		REV
B	26805	4558-5119-00	02_0
SCALE 4:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1059664-1
SHEET 1 OF 1 REV A