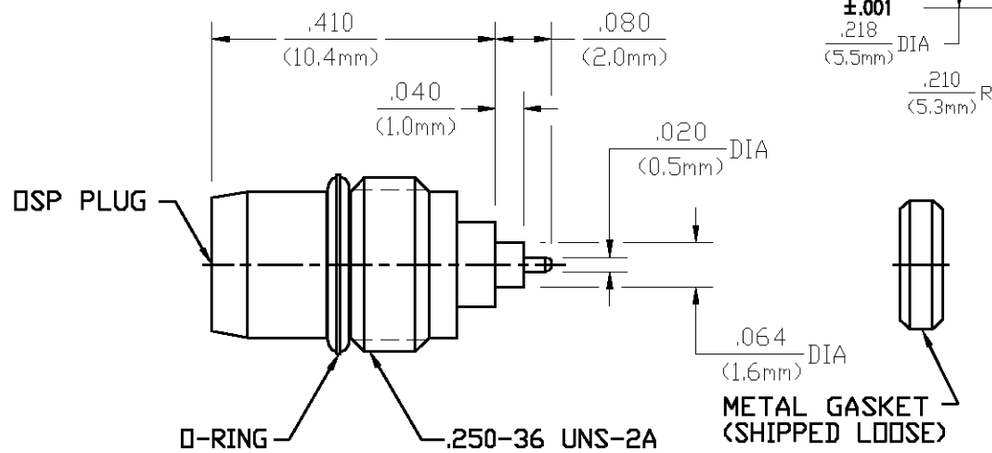
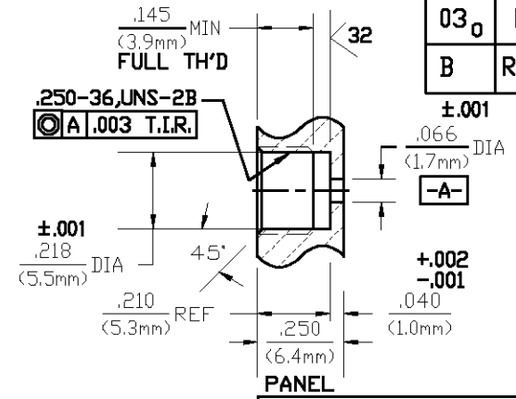
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
03_0	REVISED PER ECN 99-0292	CMH 10/8/99	10/19/99
B	REVISED PER ECN 0U20-0262-01	G.V. 12/17/02	JGH





RECOMMENDED MOUNTING HOLE

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz) DC to	18
Volt Rating (VRMS MAX)	
@ Sea Level	375
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	1000
Contact Resistance (Milliohms MAX)	
Center Contact	6.0
Outer Contact	2.0
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	1000
I.R.(Megohms MIN)	5000

MECHANICAL	
Interface Dimensions	
DESC SPEC 85072	
Center Contact Captivation	
Axial (Lbs)	6
Weight (Grams)	1.4
Hermetic Seal	1 x 10^{-8} cc/sec
Helium at 1 Atm	

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

COMPONENT	MATERIAL	FINISH
HOUSING	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
CONTACT EXT BUSHING	IRON-NICKEL-COBALT ALLOY PER MIL-I-23011 CLASS 1 (KOVAR)	GOLD PLATE PER MIL-G-45204
"O" - RING	FLOUROSILICONE PER MIL-R-25988, CLASS I, TYPE I.	N/A
HERMETIC SEAL	GLASS BEAD	N/A
GASKET	SAE C12L14 STEEL	SILVER PLATE PER QQ-S-365

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCE ON

FRAC.	DEC.	ANGLES
± 1/64	±.005	± 1°

		DATE
DRAWN BY	K.C.MAHER	9/1/87
CHECKED BY	MH/M	9/10/87
APP'D BY	BAR	9/10/87

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

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USE ASS'Y PROCEDURE
408-08287
(45-104)
NO. A.P._____

TITLE OSP PANEL FEEDTHRU PLUG RECEPTACLE HERMETICALLY SEALED

SIZE	CODE IDENT NO.		REV
B	26805	4557-5119-02	03_0

SCALE 5:1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1059632-1
SHEET 1 OF 1 REV B

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