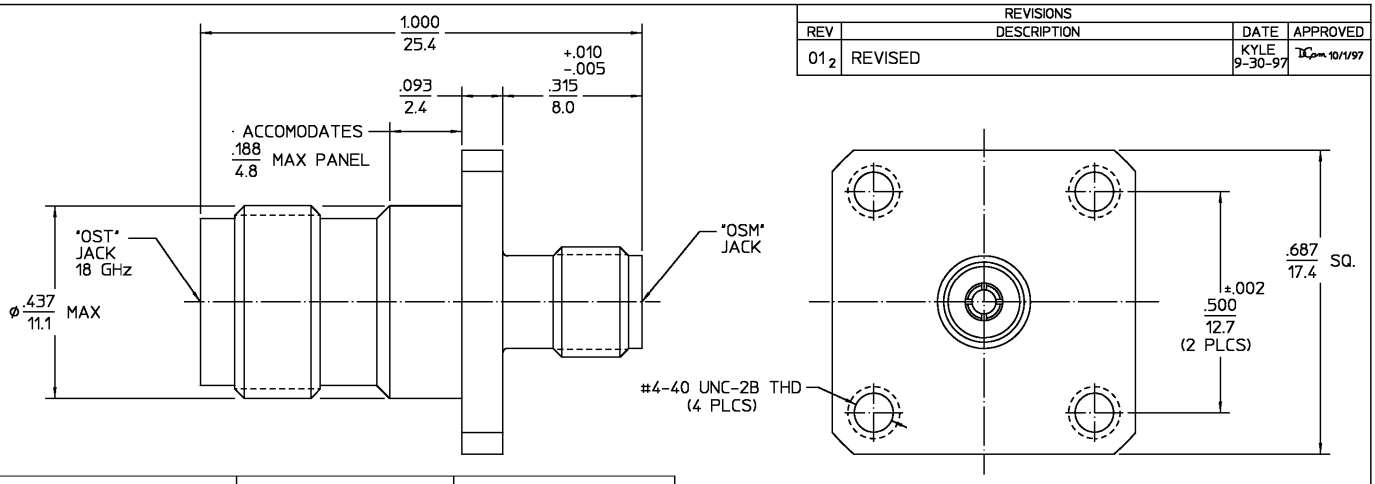
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_2	REVISED	KYLE 9-30-97	10/1/97



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310-2(OSM), 313-2(OST)	Temperature Rating -65°C TO +125°C
Frequency Range (GHz) DC to 15.0	Mating Characteristics: (OSM) (OST)	Vibration, high frequency: MIL-STD-202 METHOD 204 Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Insertion (MAX Lbs) 3.0 2.0	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.10 MAX Dc-2.0 GHz	Withdrawal (MIN Oz) 1.0 2.0	Thermal Shock MIL-STD-202, Method 107, Condition C.
1.20 MAX 2.0-8.0 GHz	Force to Engage and Disengage (In-Lbs MAX) 2.0	Moisture Resistance 200 megaohms, min within 5 minutes after removal from humididty
1.35 MAX 8.0-18.0 GHz	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Insertion Loss (dB MAX) .18 @9 GHz	Axial (Lbs) 6.0	
RF Leakage (dB MIN) -65 @2-3 GHz	Radial (In-Oz) N/A	.XXX = in
Corona, 70,000 Ft (VRMS MIN) 250	Weight (Grams) TBD	XX.X = mm (REF)
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000		
Contact Resistance (Milliohms MAX)		
Center Contact 4.1		
Outer Contact 2.2		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1,000		
I.R.(Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

		DATE
DRAWN BY	A.H	2-22-86
CHECKED BY	S.A	2-26-86
APP'D BY	BWC	2-26-86

AMP

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USE ASS'Y PROCEDURE

NO. A.P. N/A

TITLE "OSM" JACK TO "OST" JACK ADAPTER HIGH FREQ(18 GHz)

SIZE	CODE IDENT NO.		REV
B	26805	3780-4012-02	01_2

SCALE 6:1 SHEET 1 OF 1

DESIGN CONTROL REQUIRED

CUSTOMER DRAWING

AMP PART # 1223094-1
SHEET 1 OF 1 REV A

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