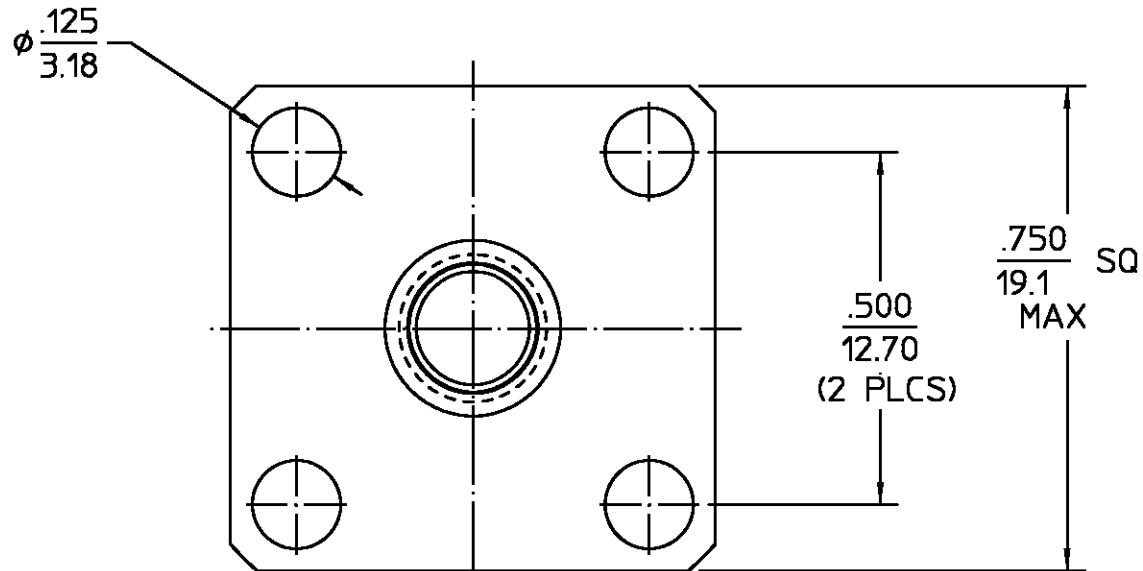


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₂	REVISED	K.LE 2-21-97	DCpm 2/21/97



ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) DC to <u>15.0</u>
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>
VSWR <u>1.05 + .008f(GHz)</u> @5-12.4 GHz <u>1.09 +.009f(GHz)</u> @12.4-15.0 GHz
Insertion Loss (dB MAX) <u>.18 @ 9 GHz</u>
RF Leakage (dB MIN) <u>-65 dB @2-3 GHz</u>
Corona, 70,000 Ft (VRMS MIN) <u>250</u>
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>
Contact Resistance (Milliohms MAX) Center Contact <u>4.1</u> Outer Contact <u>2.2</u>
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>
LR.(Megohms MIN) <u>5,000</u>

MECHANICAL
Interface Dimensions MIL-STD-348A, Fig. OSM 310-2, OST 313-2
Recommended Mating Torque 7-10(OSM), 4-6(OST) IN-LBS
Mating Characteristics: Insertion (MAX Lbs) <u>3.0(OSM), 2.0(OST)</u> Withdrawal (MIN Oz) <u>1.0(OSM), 2.0(OST)</u>
Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>
Center Contact Captivation Axial (Lbs) <u>6.0</u> Radial (In-Oz) <u>N/A</u>
Cable Retention Axial Force (Lbs) <u>N/A</u> Torque (In-Oz) <u>N/A</u>
Weight (Grams) <u>TBD</u>

ENVIRONMENTAL
Temperature Rating <u>-65 TO +165°C</u>
Vibration MIL-STD-202, Method 204, Condition D
Shock MIL-STD-202, Method 213, Condition I
Thermal Shock MIL-STD-202, Method 107, Condition C,
Moisture Resistance MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

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

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H
COMPONENT	MATERIAL

PASSIVATE PER QQ-P-35
N/A
GOLD PLATE PER MIL-G-45204
FINISH

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

FRAC.	DEC.	ANGLES
± 1/64	±.005	± 1°

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DRAWN BY J.S	DATE 8-8-867
CHECKED BY S.A	8-15-86
APPD BY B.C	8-18-86
USE ASSY PROCEDURE	
NO. A.P. <u>N/A</u>	

AMP			
AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599			
TITLE "OST" JACK TO "OSM" JACK ADAPTER			
SIZE B	CODE IDENT NO. 26805	3180-4034-02	REV 02 ₂
SCALE 4:1			SHEET 1 OF 1