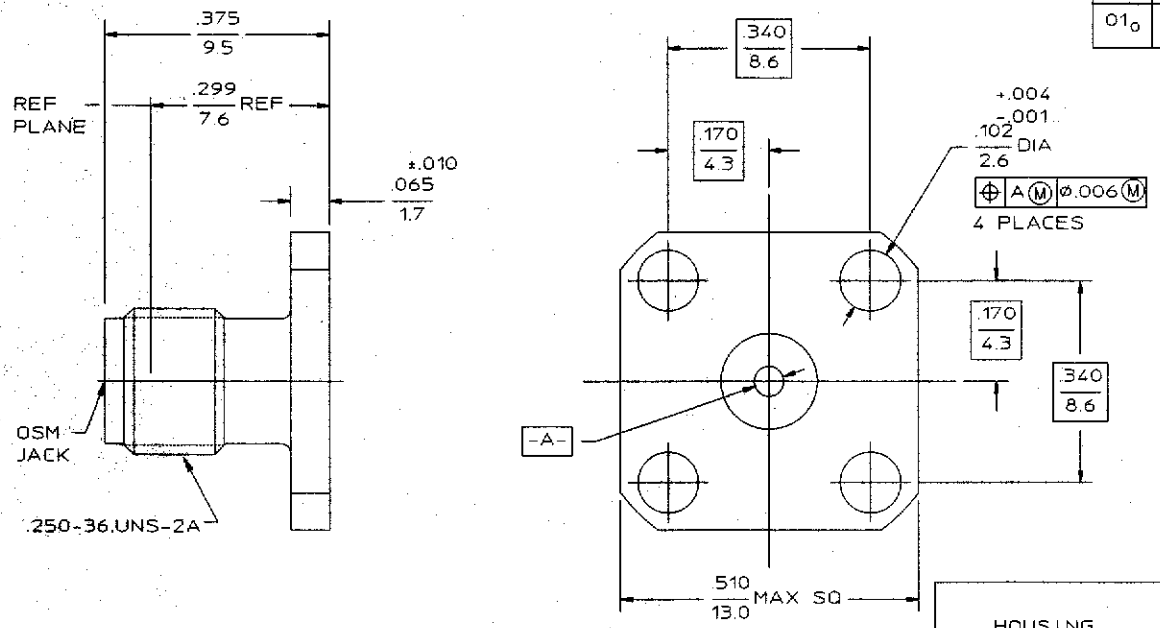
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_0	RELEASED	2/16/95	mcf



.XXX = in
XX.X = mm

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC - 18
Volt Rating (VRMS MAX)	335
VSWR	1.35 + .01f(GHz))
Insertion Loss (dB MAX)	.07 $\sqrt{f}$ (GHz)
RF Leakage (dB MIN)	N/A
Corona, 70,000 Ft (VRMS MIN)	N/A
Dielectric Withstanding Voltage (VRMS MIN)	1000 @ sea level
Contact Resistance (Milliohms MAX)	
Center Contact	6.0
Outer Contact	2.0
RF High Potential (VRMS MIN. @ 5 MHz)	670
I.R.(Megohms)	5000

MECHANICAL	
Interface Dimensions	MIL-STD-348A FIG 310.2
Recommended Mating Torque	N/A
Mating Characteristics:	
Insertion (MAX Lbs)	3.0
Withdrawal (MIN Oz)	1.0
Force To Engage & Disengage (In-Lbs MAX)	2.0
Center Contact Captivation	
Axial	6.0 Lbs
Radial	N/A
Weight (Grams)	T.B.D.

ENVIRONMENTAL
Temperature Rating -65°C To +105°C
Thermal shock MIL-STD-202, Method 107, Condition A
Moisture Resistance - MIL-STD-202, Method 106. No Measurements at High Humidity. Insulation Resistance Shall Be At Least 200 Megohms Within 5 Minutes After Removal From Humidity.
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
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

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

DRAWN BY mcf DATE 2/15/94
CHECKED BY
APPD BY

USE ASSY PROCEDURE

NO. A.P. N/A

M/A-COM INTERCONNECT DIVISION
M/A-COM, Inc.
Waltham, MA 02254

TITLE
OSM 4-HOLE FLANGE MOUNT JACK RECEPTACLE

SIZE	CODE IDENT NO		REV
B	26805	2052-8021-92	01_0

SCALE 5:1 SHEET 1 OF 1

Customer 1052962 Rev O
Sheet 1 of 1