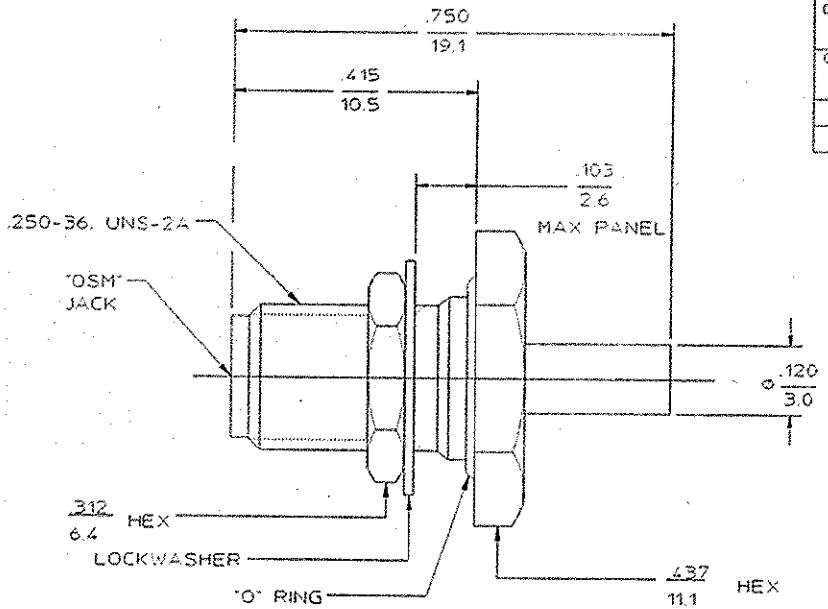
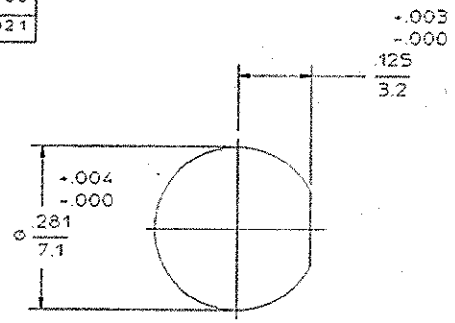


DESIGNED FOR USE WITH .085 SR	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.068
CONTACT	.021

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01₁	REVISED	KL 6-22-96 5-20-97	



RECOMMENDED MOUNTING HOLE

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC to 18
Volt Rating (VRMS MAX)	
@ Sea Level	335
VSWR	1.07 + .008 F(GHz)
Insertion Loss (dB MAX)	.03 √F(GHz)
RF Leakage (dB MIN)	-90
Corona, 70,000 Ft (VRMS MIN)	250
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	1,000
Contact Resistance (Milliohms MAX)	
Center Contact	3.0
Outer Contact	2.0
Cable to Housing	0.5
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	670
I.R.(Megohms MIN)	5,000

MECHANICAL	
Interface Dimensions MIL-STD-348A,	
Fig. 310-2	
Recommended Mating Torque	7-10 IN-LBS
Mating Characteristics:	
Insertion (MAX Lbs)	2
Withdrawal (MIN Oz)	1
Force to Engage and Disengage (In-Lbs MAX)	2
Center Contact Captivation	
Axial (Lbs)	N/A
Radial (In-Oz)	N/A
Cable Retention	
Axial Force (Lbs)	30
Torque (In-Oz)	16
Weight (Grams)	TBD

ENVIRONMENTAL	
Temperature Rating	-65 TO +165°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, Except High Temp +115°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)

COMPONENT	MATERIAL	FINISH
HOUSING LOCKWASHER MOUNTING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-AS82, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE 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
O-RING	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC ± 1/64 DEC .005 ANGLES ± 1°

DRAWN BY R.R 1-18-84
CHECKED BY A. J 1-13-84
APPD BY RHP 1-16-84

These drawings and specifications are the property of M/A COM Interconnect Div, and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

USE ASSY PROCEDURE

NO AP 20-557

M/A-COM on AMP company
M/A-COM, Inc.
Waltham, MA 02254

TITLE "OSM" BULKHEAD FEEDTHRU CABLE JACK-DIRECT SOLDER ATTACHMENT

SIZE	CODE IDENT NO		REV
B	26805	2004-8005-90	01₁

SCALE 5:1 SHEET 1 OF 1

Tyco Customer P/N 1051026
Sheet 1 of 1 Rev 0