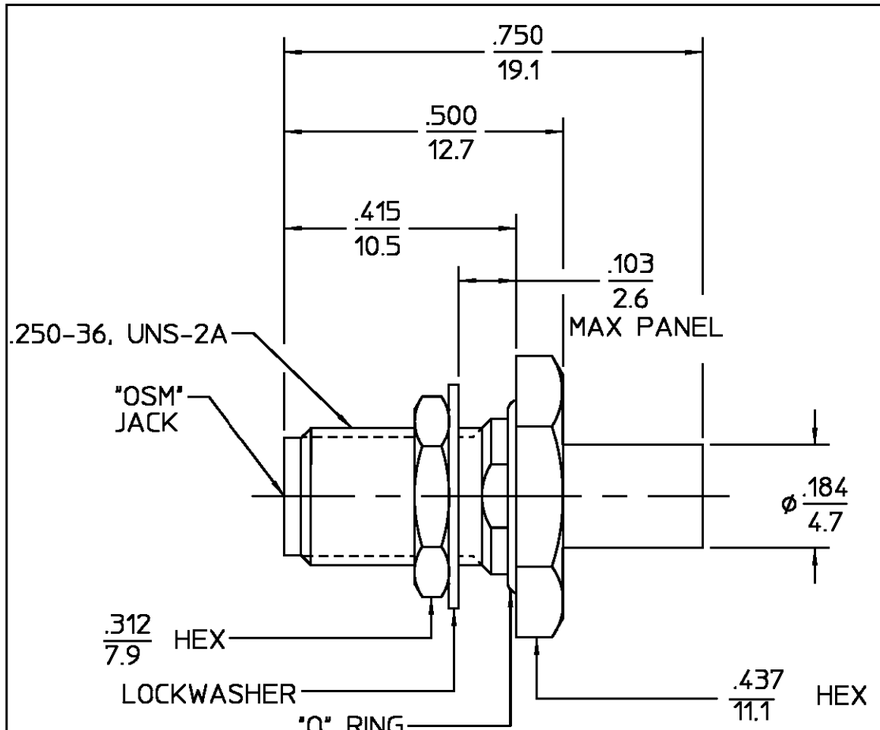
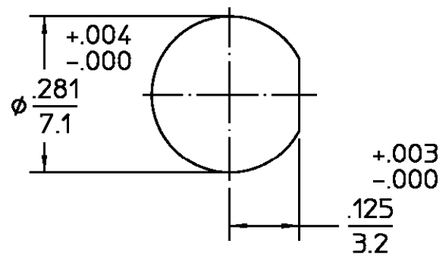


DESIGNED FOR USE WITH .141 SR	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.141
CONTACT	.039

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_0	RELEASED	9/23/96	



RECOMMENDED MOUNTING HOLE

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz) DC to	18
Volt Rating (VRMS MAX)	
@ Sea Level	500
VSWR	1.05 + 0.008F(GHz)
Insertion Loss (dB MAX)	$.03\sqrt{f(GH)}z$
RF Leakage (dB MIN)	-90
Corona, 70,000 Ft (VRMS MIN)	375
Dielectric Withstanding Voltage	
(VRMS MIN) @ Sea Level	1,500
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)	1,000
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)	60
Torque (In-Oz)	55
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-A582, 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 K.LE DATE 8-13-86
CHECKED BY
APP'D BY 9/23/96

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USE ASS'Y PROCEDURE

NO. A.P. 408-04840 (20-558)

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE "OSM" STRAIGHT BULKHEAD FEEDTHROUGH CABLE JACK DIRECT SOLDER ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	2004-8002-90	01_0

SCALE 4:1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1051023-1
SHEET 1 OF 1 REV A