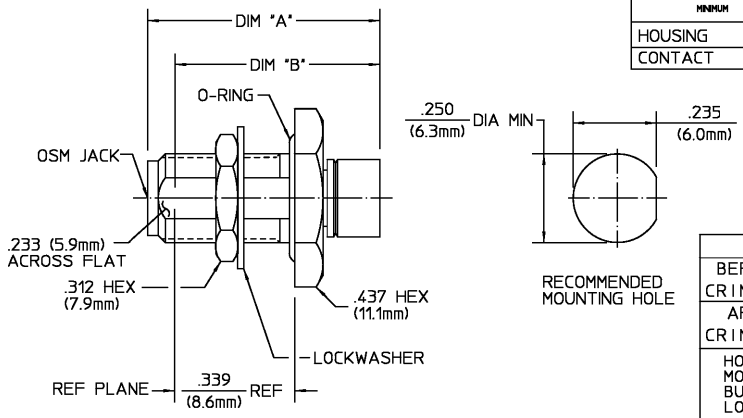

CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.1425
CONTACT	.037

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
04_0	MAJOR CHANGES, ECN 85-0282-4	D.CAM 4/22/85	L.BELOPOLSKY
05_0	VARIOUS MAJOR CHANGES, ECN 86-0436-5	MB 5/30/86	R.GIERAS
06_0	VARIOUS MAJOR CHANGES, ECN 87-0769	D.CAM 6/11/87	MH/M 6/17/85
06_1	DIM "B" AFTER CRIMPING, FROM .694REF TO .569REF, ECN 88-1143	MC 7/1/88	MY 7/5/88
06_2	REDRAWN IN CAD, ECN 88-0678	KCM 5/22/90	NGB

	DIM "A"	DIM "B"
BEFORE CRIMPING	.770 REF (19.6mm)	.694 REF (17.6mm)
AFTER CRIMPING	.657 MAX (16.7mm)	.569 REF (14.5mm)

NOTES:
1. DESIGNED FOR USE WITH .141 DIA (RG 402/U) SEMI-RIGID CABLE.
2. CAPTURED CENTER CONTACT.
3. PICTORAL VIEW IS AFTER CRIMPING.
4. MIN. STRAIGHT CABLE LENGTH .389
5. IT IS SUGGESTED TO BEND CABLE PRIOR TO CRIMPING.

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz) DC to	18
Volt Rating (VRMS MAX) @ Sea Level	500
VSWR	1.05+.005f(GHz)
Insertion Loss (dB MAX)	$.05x\sqrt{f(GHz)}$
RF Leakage (dB MIN) (Interface Only, Fully Mated)	-(100-f(GHz))
Corona, 70,000 Ft (VRMS MIN)	375
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	1500
Contact Resistance (Milliohms MAX)	
Center Contact	2.0
Outer Contact	2.0
Cable to Housing	0.5
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	1000
I.R.(Megohms MIN)	5000

MECHANICAL	
Interface Dimensions	MIL-STD-348
Recommended Mating Torque	7-10
Center Contact Captivation Axial (Lbs)	6
Cable Retention Axial Force (Lbs)	60
Torque (In/Oz)	55

ENVIRONMENTAL	
Temperature Rating	-65° to +105°C
Vibration	MIL-STD-202, Method 204, Condition D, 20 Gs
Shock	MIL-STD-202, Method 213, Condition I, 100 Gs
Thermal Shock	MIL-STD-202, Method 102, Condition C
Moisture Resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT BUSHING LOCKWAHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE FLUOROCARBON PER PER MIL-P-19468, FED SPEC L-P-403, & ASTM-D-1457	N/A
CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
O-RING	SILICONE RUBBER PER ZZ-R-765	N/A

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

DRAWN BY D.CAM 11/29/82
CHECKED BY R.GIERAS 1/21/83
APP'D BY RMF 1/24/83

USE ASS'Y PROCEDURE
408-04954
NO. A.P. (20-184)

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE OSM BULKHEAD FEEDTHRU CABLE JACK COMPRESSION CRIMP ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	2004-7641-02	06_2
SCALE 4:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1051005-1
SHEET 1 OF 1 REV A