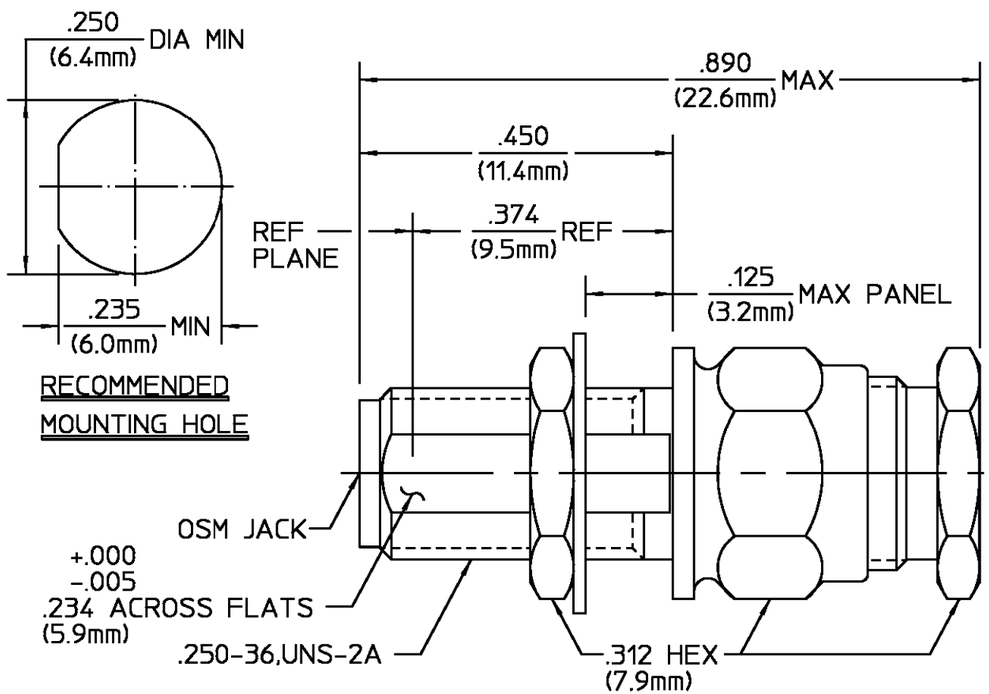

CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.066
CONTACT	.024
WASHER	.125
WEDGE	.159
CLAMP NUT	.112

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_1	SEE ECN 80-0084	GB 2/19/80	TS 2/19/80
02_0	MAJOR CHANGES AND REDRAWN PER ECN 90-0180-2	KCM 3/8/91	CW 3/8/91

NOTES:

1. DESIGNED FOR USE WITH RG188/U CABLE.
2. MAX OPERATING FREQ OF CABLE PER MIL-C-17

COMPONENT	MATERIAL	FINISH
HOUSING CLAMP NUT MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
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 OVER COPPER PLATE PER MIL-C-14550
FERRULE WEDGE WASHER	BRASS PER QQ-B-626 COMP. 360	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

ELECTRICAL		MECHANICAL		ENVIRONMENTAL
Nominal Impedance (Ohms)	50	Interface Dimensions MIL-STD-348A		Temperature Rating -65°C To 165°C
Frequency Range (GHz)	SEE NOTE 2	Fig.	310.2	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)		Recommended Mating Torque	N/A	Shock MIL-STD-202, Method 213, Condition I
@ Sea Level	250	Mating Characteristics:		Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 85°C
VSWR	1.15+.02fGHz	Insertion (MAX Lbs)	3.0	Moisture Resistance MIL-STD-202, Method 106. No Measurement at High Humidity. Insulation Resistance Shall Be at Least 200 Megohms Within 5 Min After Removal From Humidity
Insertion Loss (dB MAX)	$.06\sqrt{fGHZ}$	Withdrawal (MIN Oz)	1.0	
RF Leakage (dB MIN)	-[60-f(GHz)]	Force to Engage and Disengage (In/Lbs MAX)	2.0	
Corona, 70,000 Ft (VRMS MIN)	190	Center Contact Captivation		
Dielectric Withstanding Voltage		Axial (Lbs)	6.0	
(VRMS MIN) @ Sea Level	750	Radial (In/Oz)	N/A	
Contact Resistance (Milliohms MAX)		Cable Retention		
Center Contact	3.0	Axial Force (Lbs)	20	Corrosion - MIL-STD-202, Method 101, Condition B, (salt spray)
Outer Contact	2.0	Torque (In/Oz)	N/A	
Cable to Housing	0.5	Weight (Grams)	TBD	
RF High Potential @ Sea Level				
(VRMS MIN @ 5 MHz)	500			
I.R.(Megohms MIN)	5,000			

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

		DATE
DRAWN BY	BWC	6/2/67
CHECKED BY	PRB	6/21/68
APP'D BY	EW	6/21/68

USE ASS'Y PROCEDURE

408-04704
(20-438)
NO. A.P.

AMP
AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE
OSM BULKHEAD JACK
SOLDER CLAMP ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	2004-7188-00	02_0
SCALE 5:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1077130-1
SHEET 1 OF 1 REV A