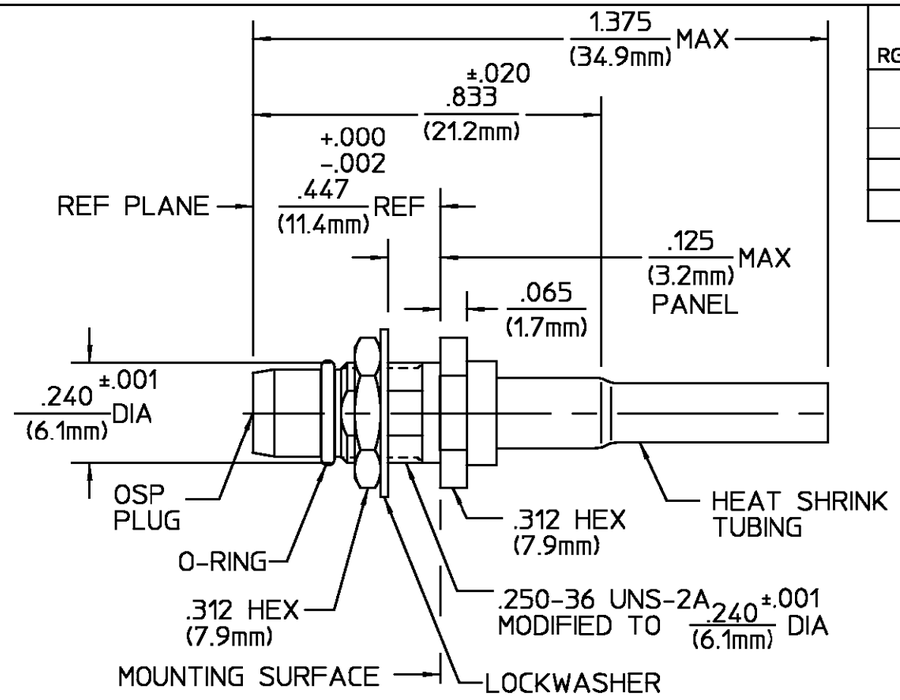
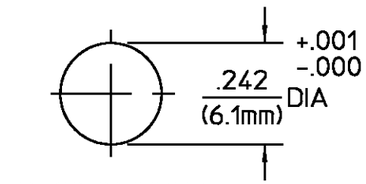


DESIGNED FOR USE WITH RG 316/U & SIMILAR CABLES	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.067
FERRULE	.125
CONTACT	.023

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 0	RELEASED	3/7/95	DCamelio
B	PER EC 0U20-0262-01	18DEC01	C. Hoang



RECOMMENDED MOUNTING HOLE

DESIGN CONTROL REQUIRED

HOUSING MOUNTING NUT LOCKWASHER	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
"O" - RING	FLOUROSILICONE PER MIL-R-25988, CL 1, TYPE 1	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204
COMPONENT	MATERIAL	FINISH

ELECTRICAL		MECHANICAL		ENVIRONMENTAL
Nominal Impedance (Ohms)	50	Interface Dimensions Per		Temperature Rating -65° to +125°C
Frequency Range (GHz) DC to	3	OMNI SPECTRA CATALOG		Vibration MIL-STD-202, Method 204, Condition D, 20Gs
Volt Rating (VRMS MAX)		Force to Engage (In-Lbs MAX)	3.0	Shock MIL-STD-202, Method 213, Condition I, 100Gs
@ Sea Level	250	& Disengage (In-Lbs MAX)	1.5	Thermal Shock MIL-STD-202, Method 107, Condition B
VSWR 1.15+.01f(GHz) DC to 3 GHz		Center Contact Captivation		Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) .06x$\sqrt{f(GHz)}$		Axial (Lbs)	6.0	Corrosion - MIL-STD-202, Method 101, Condition B
RF Leakage (dB MIN) (Fully Mated)		Cable Retention		
	-(60-f(GHz))	Axial Force (Lbs MIN)	20.0	
Corona, 70,000 Ft (VRMS MIN)	190	Weight (Grams)	TBD	
Dielectric Withstanding Voltage				
(VRMS MIN) @ Sea Level	750			
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)	500			
I.R.(Megohms MIN)	5000			

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

DRAWN BY DCamelio DATE 3/7/95
CHECKED BY
APP'D BY DCamelio 3/7/95

USE ASS'Y PROCEDURE

408-08271
(45-018)
NO. A.P.

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE
OSP BULKHEAD FEEDTHROUGH CABLE PLUG - CRIMP ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	1250-2263-02	01 0
SCALE 3:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1046301-1
SHEET 1 OF 1 REV B