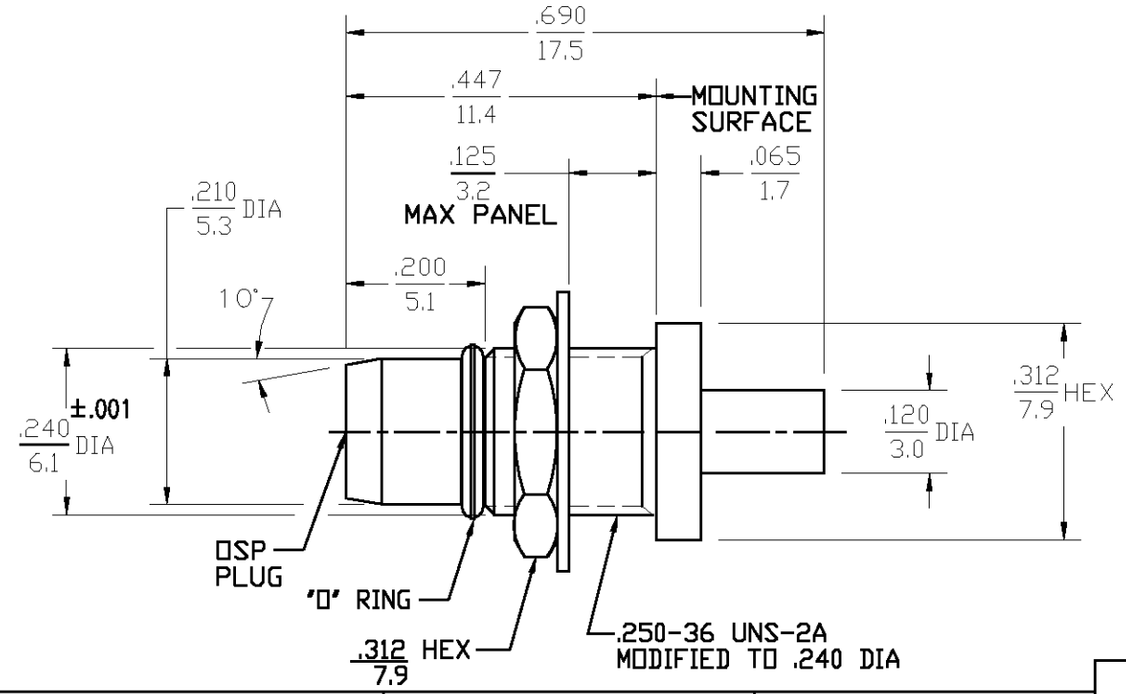
Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

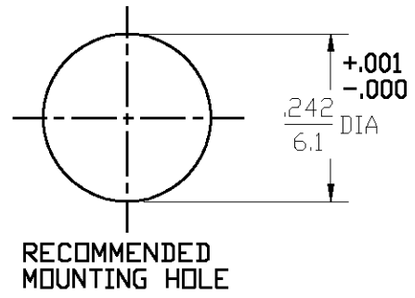
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
03 0	REVISED	M.M. 2/13/95	02/14/95
B	REVISED PER ECN 0U20-0262-01	G.V. 12/10/02	JGH



RECOMMENDED
MOUNTING HOLE

DESIGNED FOR USE WITH .085 DIA SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.089
CONTACT	.0215

ELECTRICAL	
NOMINAL IMPEDANCE (OHMS)	50 ±1
Frequency Range (GHz)	DC to 22
Volt Rating (VRMS MAX)	
@ Sea Level	335
VSWR	1.05+.005f(GHz) DC to 18 GHz
	1.05+.009f(GHz) DC to 22 GHz
Insertion Loss (dB MAX)	.03x $\sqrt{f(GHz)}$
RF Leakage (dB MIN) (Interface Only, Fully Mated)	-[90-f(GHz)]
Corona, 70,000 Ft (VRMS MIN)	335
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	1000
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)	670
I.R.(Megohms MIN)	5000

MECHANICAL	
Interface Dimensions Per	MIL-STD-348A Fig. 321.1
Mating Characteristics:	
Insertion (MAX Lbs)	N/A
Withdrawal (MIN Oz)	N/A
Force to Engage (In-Lbs MAX)	N/A
& Disengage (In-Lbs MAX)	N/A
Center Contact Captivation	
Axial (Lbs)	6
Cable Retention	
Axial Force (Lbs MIN)	30
Torque (In-Oz MIN)	16
Weight (Grams)	2.7

ENVIRONMENTAL
TEMPERATURE RATING -65° TO +125°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
Moisture Resistance MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method 101, Condition B

.XXX = in
XX.X = mm

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT LOCKWASHER	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	FLUOROSILICONE PER MIL-R-25988, CLASS I, TYPE I.	N/A

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

DRAWN BY J.MCINNIS DATE 11/16/82
CHECKED BY R GIERAS 11/17/82
APP'D BY RMF 11/18/82

USE ASS'Y PROCEDURE

408-08265
NO. A.P. (45-012)

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE OSP BULKHEAD FEEDTHROUGH
CABLE PLUG
DIRECT SOLDER ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	4503-7985-00	03 0
SCALE 5:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1059404-1
SHEET 1 OF 1 REV B