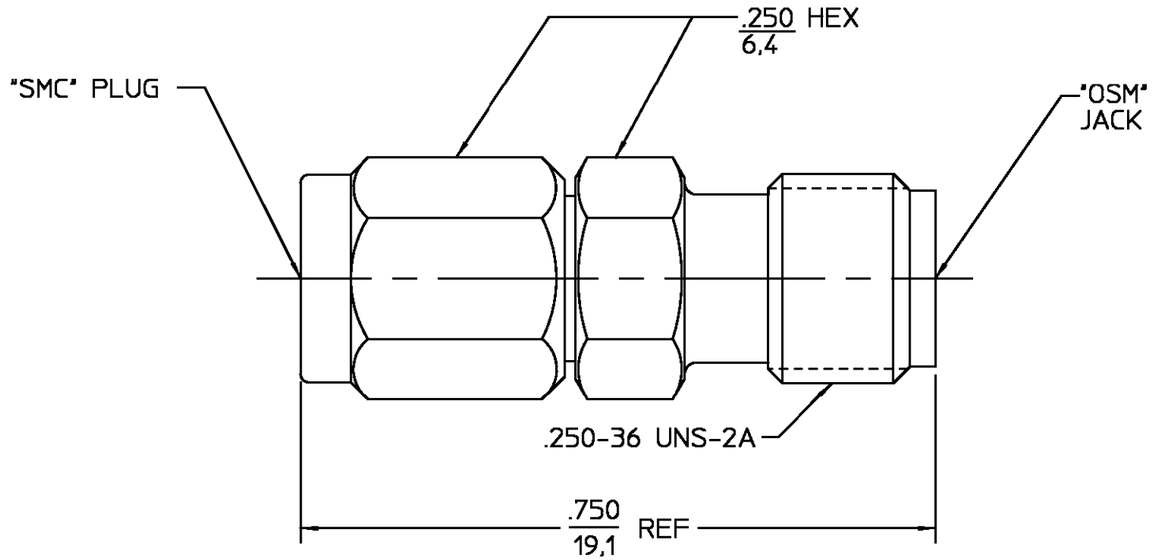
Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete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

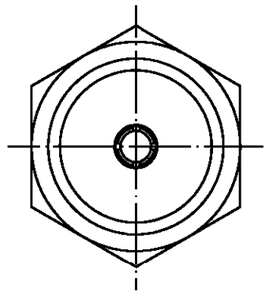
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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
01_0	RELEASED	4/14/99	



NOTES:

1. CAPTURED CENTER CONTACT

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz) DC to	4.0
Volt Rating (VRMS MAX)	
@ Sea Level	335
VSWR	1.25+.04f(GHz)
Insertion Loss (dB MAX) .03 @	1.5GHz
RF Leakage (dB MIN) -55 @	2 to 3 GHz
Corona, 70,000 Ft (VRMS MIN)	250
Dielectric Withstanding Voltage	
(VRMS MIN) @ Sea Level	1,000
Contact Resistance (Milliohms MAX)	
Center Contact	6.0
Outer Contact	1.0
RF High Potential @ Sea Level	
(VRMS MIN @ 5 MHz)	700
I.R.(Megohms MIN)	1,000

MECHANICAL		
Interface Dimensions		
	SMB MIL-STD-348A 311-1	
	OSM MIL-STD-348A 310-2	
Recommended Mating Torque		
	SMC 30-50 In-Ozs	
Mating Characteristics:		
	SMB	OSM
Insertion	2.5	3.0
Withdrawal	1.0	2.0
Force to Engage/Disengage (Lbs)		
	SMB 14.0	
	OSM 2.0	
Contact Retention		
Axial (Lbs)	6.0	
Radial (In-Oz)	4.0	
Weight (Grams)	TBD	

ENVIRONMENTAL
Temperature Rating -65°C to +125°C
Vibration MIL-STD-202, Method 204, Condition B
Shock MIL-STD-202, Method 213, Condition B
Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
Moisture Resistance MIL-STD-202, Method 106 Shall Be Omitted
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

.XXX = in
XX.X = mm (REF)

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE 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
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC. ± 1/32 DEC. ±.005 ANGLES ± 2°

DRAWN BY RUDY DATE 1/21/98

CHECKED BY

APP'D BY 4/14/99

USE ASS'Y PROCEDURE

NO. A.P. N/A

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE "SMC" PLUG TO "OSM" JACK ADAPTER

SIZE	CODE IDENT NO.		REV
B	26805	5082-2240-00	01_0
SCALE 6:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1060272-1
SHEET 1 OF 1 REV A