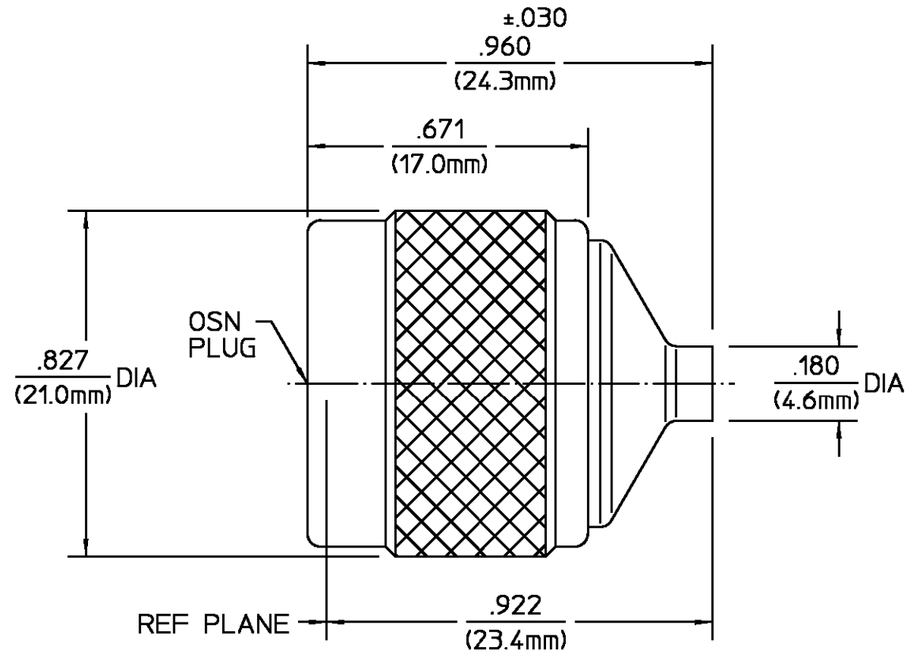
Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete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



DESIGNED FOR USE WITH .141 SR CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.144
CONTACT	.037

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 0	RELEASED	8/2/95	DCamelio

DESIGN CONTROL REQUIRED

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC to 18
Volt Rating (VRMS MAX) @ Sea Level	599
VSWR	1.06 + .007 fGHz
Insertion Loss (dB MAX)	$.05\sqrt{fGHz}$
RF Leakage (dB MIN)	-(90 -f(GHz))
Corona, 70,000 Ft (VRMS MIN)	500
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	2500
Contact Resistance (Milliohms MAX)	
Center Contact	1.5
Outer Contact	2.0
Cable to Housing	2.0
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	1,500
I.R.(Megohms MIN)	10,000

MECHANICAL	
Interface Dimensions	MIL-STD-348A, Fig. 304.1
Recommended Mating Torque	12 - 15 LBS
Force to Engage and Disengage (In/Lbs MAX)	6.0
Cable Retention	
Axial Force (Lbs)	60
Torque (In/Oz)	55
Weight (Grams)	TBD

ENVIRONMENTAL
Temperature Rating -65°C 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, Except High Temp 200°C
Moisture Resistance MIL-STD-202, Method 106, Except Step 7b (Vibration) Shall Be Omitted
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
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
RETAINING RING	PHOSPHOR BRONZE PER QQ-B-750, GRADE B2	N/A

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

DRAWN BY DCamelio DATE 8/2/95
CHECKED BY
APPD BY DCamelio 8/2/95

USE ASS'Y PROCEDURE

408-04915
(30-001)
NO. A.P.

AMP

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE OSN STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	1250-1119-00	01 0
SCALE 3:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1046234-1
SHEET 1 OF 1 REV A