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

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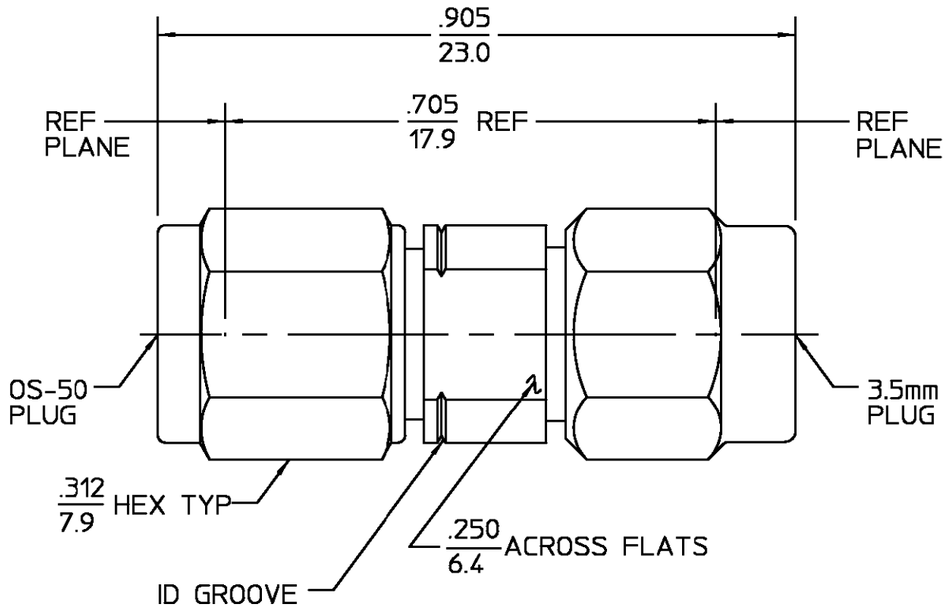


| REVISIONS | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | APPROVED |
| $02_1$ | REVISED | 7/31/97 | 07/31/97 |

| ELECTRICAL | MECHANICAL | ENVIRONMENTAL |
|---|---|---|
| Nominal Impedance (Ohms) 50 | Interface Dimensions MIL-STD-348A, | Temperature Rating -55°C to +125°C |
| Frequency Range (GHz) DC to 26.5 GHz | Fig. N/A | Vibration MIL-STD-202, Method |
| Volt Rating (VRMS MAX) | Recommended Mating | 204, Condition D, 20G's |
| @ Sea Level N/A | Torque 7 to 10 in-lbs | Shock MIL-STD-202, Method 213, |
| VSWR 1.11 MAX DC-18; 1.13 MAX 18-26.5 | Mating Characteristics: | Condition I, 100G's |
| Insertion Loss (dB MAX) $.07\sqrt{f(GHz)}$ | Insertion (MAX Lbs) N/A | Thermal Shock MIL-STD-202, |
| RF Leakage (dB MIN) -(90f) | Withdrawal (MIN Oz) N/A | Method 107, Condition B, |
| Corona, 70,000 Ft (VRMS MIN) 150 | Force to Engage and | Moisture Resistance MIL-STD-202, |
| Dielectric Withstanding Voltage | Disengage (In-Lbs MAX) 2.0 | Method 106 |
| (VRMS MIN) @ Sea Level 500 | Center Contact Captivation | Corrosion - MIL-STD-202, Method |
| Contact Resistance (Milliohms MAX) | Axial (Lbs) 4.0 | 101, Condition B |
| Center Contact 4.0 | Radial (In-Oz) 4.0 | |
| Outer Contact 4.0 | Cable Retention | |
| Cable to Housing N/A | Axial Force (Lbs) N/A | .XXX = in |
| RF High Potential @ Sea Level | Torque (In-Oz) N/A | XX.X = mm (REF) |
| (VRMS MIN @ 5 MHz) 600 | Weight (Grams) N/A | |
| I.R.(Megohms MIN) 5,000 | | |

| COMPONENT | MATERIAL | FINISH |
|---|---|---|
| HOUSING<br>COUPLING NUT<br>BUSHING | 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 |
| GASKET | SILICONE RUBBER PER ZZ-R-765 | N/A |

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

DRAWN BY DATE 7/31/97
CHECKED BY
APP'D BY 07/31/97

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USE ASS'Y PROCEDURE

NO. A.P. N/A

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

TITLE OS-50 PLUG TO 3.5mm BSA PLUG

| SIZE | CODE IDENT NO. | | REV |
|---|---|---|---|
| B | 26805 | 8581-2351-02 | $02_1$ |
| SCALE 5 : 1 | | | SHEET 1 OF 1 |

CUSTOMER DRAWING

AMP PART # 1063389-1
SHEET 1 OF 1 REV A