



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

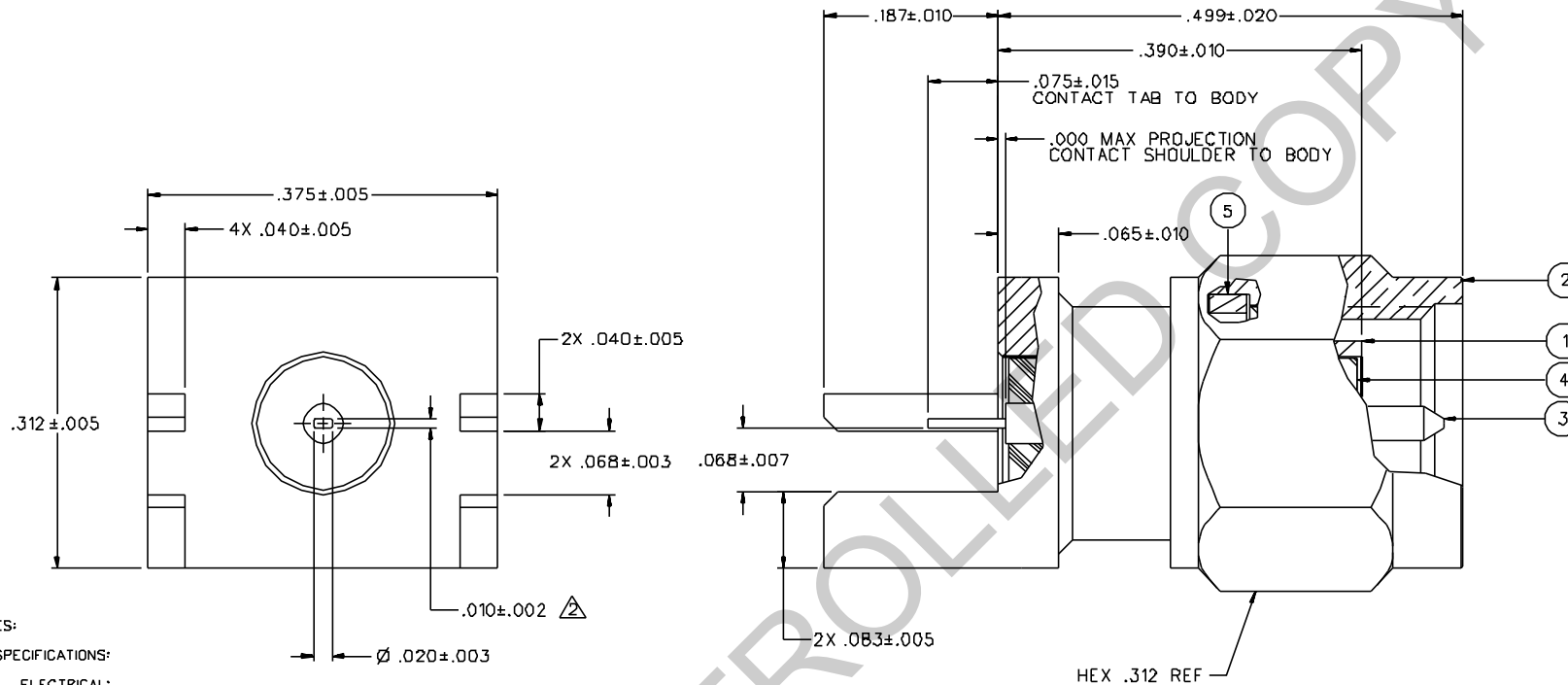
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



| PART NUMBER | ITEM ① BODY | ITEM ② NUT | ITEM ③ CONTACT | ITEM ④ INSULATOR | ITEM ⑤ RETENTION SPRING |
|--------------|---|---|---|---------------------|------------------------------|
| 142-0801-811 | BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | TEFLON | BERYLLIUM COPPER UNPLATED |
| 142-0801-816 | BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN | BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN | BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | TEFLON | BERYLLIUM COPPER UNPLATED |



NOTES:

1. SPECIFICATIONS:

ELECTRICAL:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-18 GHz
 VSWR: NOT APPLICABLE
 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 5000 MEGOHMS MIN
 CONTACT RESISTANCE: CENTER CONTACT - INITIAL 3 MILLIOHMS MAX.
 AFTER ENVIRONMENTAL 4 MILLIOHMS MAX
 OUTER CONDUCTOR - INITIAL 2.0 MILLIOHMS MAX
 AFTER ENVIRONMENTAL NOT APPLICABLE
 BRAID TO BODY - NOT APPLICABLE
 CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
 INSERTION LOSS: NOT APPLICABLE
 RF LEAKAGE: NOT APPLICABLE
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH POUNDS MAX
 MATING TORQUE: 7-10 INCH POUNDS
 COUPLING PROOF TORQUE: 15 INCH-POUNDS MAX
 COUPLING NUT RETENTION: 60 LBS MIN
 CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
 4 IN-OZ MIN RADIAL TORQUE
 CABLE ACCEPTABILITY: NOT APPLICABLE
 CABLE RETENTION: NOT APPLICABLE
 DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-39D12)
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
 OPERATING TEMPERATURE: -65° C TO 165° C
 CORROSION: MIL-STD-202, METHOD 101, CONDITION B
 SHOCK: MIL-STD-202, METHOD 213, CONDITION I
 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

△ BOTTOM OF CONTACT TO BE IN LINE WITH MOUNTING LEG WITHIN .010.

| | | | |
|--|----------|----------------------|-----------|
| DRAWING NO. | | C - 142-0801-811/820 | |
| 0 | | REVISIONS | |
| ENGINEERING RELEASE | | | |
| 1 | 11-13-92 | R H A | 12-18-92 |
| CHANGED: .068-.007 WAS .068-.003, UPDATED GRAPHICS | | | |
| ADDED: .025-.018 | | | |
| 1a | 2-21-94 | R H A | 3-8-94 |
| DELETED: .815, NOTE 4 TIN DIP LEADS | | | |
| 1b | 6-13-94 | R H A | 6-21-94 |
| ECN 42522 | | | |
| 4X .040-.005 WAS 2X .040-.005, .187-.010 WAS .187-.015, .00005 GOLD PL WAS .00013 | | | |
| ADDED: .000 MAX PROJECTION, .075-.015, .065-.010 | | | |
| DELETED: .025-.005, .025-.018, .100-.015, .000-.018, .000-.017, NOTE 2 AND RENUMBERED OTHERS | | | |
| 2 | 2-24-97 | R H A | ECN 44255 |
| STANDARDIZED AND UPDATED FOR REVISED CONTACT | | | |
| * REVISION NUMBER FOLLOWED BY AN ALPHA * | | | |
| * CHARACTER INDICATED DRAWING CLARIFY * | | | |
| * CATION OR PART NUMBER ADDITION ONLY. * | | | |
| 2a | 11-14-01 | R H A | ECN 48087 |

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ANSI Y 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

| | | | | |
|--------------------------------------|------------------------|------------------|---|-------------------------------------|
| TOLERANCE UNLESS OTHERWISE SPECIFIED | DRAWN BY VET | DATE 9-17-92 | JOHNSON Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Worcester, MA 01603 1-800-247-8256 | |
| DECIMALS .XX | CHECKED BY | DATE | TITLE | PLUG ASSEMBLY END LAUNCH SMA |
| mm | | | | |
| .XXX | APPROVED BY VET | DATE 11-18-92 | CODE NO. | DRAWING NO. C - 142-0801-811/820 |
| MATL | APPROVED BY TAK/RJB | DATE 11-30-92 | SCALE 10:1 | U/W INCH SHEET 2 OF 2 |
| FINISH | RELEASE DATE | 12-18-92 | | |