



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

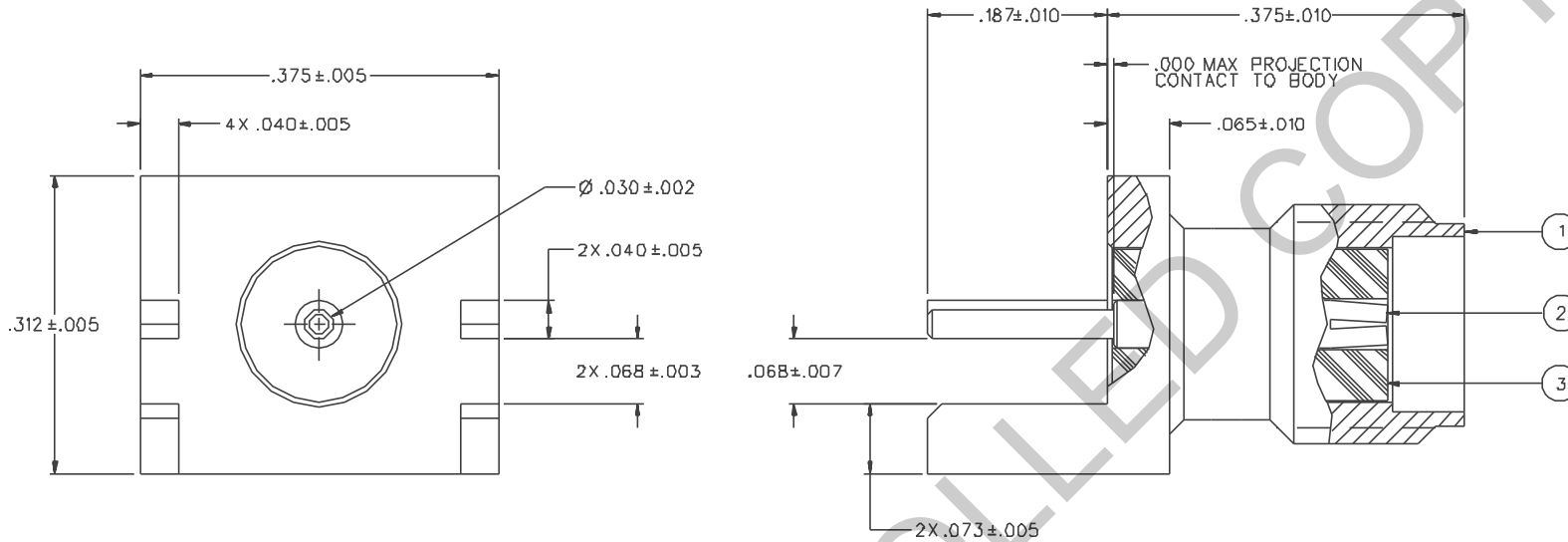
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| PART NUMBER | ITEM ① BODY | ITEM ② CONTACT | ITEM ③ INSULATOR |
|--------------|---|--|---------------------|
| 142-D7D1-B01 | BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | TEFLON |
| 142-D7D1-B06 | BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN | BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | TEFLON |



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: D-1B GHz
 VSWR: NOT APPLICABLE
 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 5000 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 4.0 MILLIOHM MAX
 OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM 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 7MHZ

MECHANICAL:

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

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
 OPERATING TEMPERATURE: -65 DEG C TO 165 DEG 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

| DRAWING NO. | | | |
|---|----------|----|-----------------------|
| C - 142-0701-801/810 | | | |
| REVISIONS | | | |
| ENGINEERING RELEASE | | | |
| 03 | 01-12-89 | EJ | 6-14-89 ECO 23856 |
| ADDED: 2X .075 ± .005, .065 ± .010, .187 ± .010 DELETED: .573 ± .015, .562 ± .010 CHANGED: UPDATED GRAPHICS, .040 ± .005 WAS ± .010. | | | |
| 4 | 7-16-90 | | |
| VERSION UPDATE | | | |
| 5 | 9-6-91 | RH | 9-17-91 ECO 40532 |
| ADDED: NOTE 2, .025 ± .010 CHANGED: 2X .068 ± .003 WAS 2X .068 ± .003 | | | |
| 6 | 10-21-92 | RH | 12-18-92 ECO 41345 |
| CHANGED: .068 ± .007 WAS .068 ± .006, UPDATED GRAPHICS | | | |
| 6a | 2-21-94 | RH | 3-8-94 ECO 42220 |
| CHANGED: -.805 "R", .075/.055 WAS .068 ± .007 AND "C", .071/.055 WAS .068 ± .003 | | | |
| 6b | 6-13-94 | RH | 6-21-94 ECN 42516 |
| ADDED: .000 MAX PROJECTION, CUT AWAY FLANGE DETAIL CHANGED: 2X .068 ± .003 WAS 2X "C", .068 ± .007 WAS "B", 4X .040 ± .004 WAS 2X .040 ± .004 DELETED: .025 ± .005, NOTE 7 TABULATED DIMENSIONS "B", "C" & REMARKS, P/N 142-0701-B05 | | | |
| 7 | 10-24-96 | RH | ECN 44272 |
| VERSION UPDATE | | | |
| B | 2-26-99 | RH | ECN 46211 |
| VERSION UPDATE | | | |
| * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLASS * * CATION OR PART NUMBER ADDITION ONLY. * | | | |
| 8a | 8-13-01 | | ECN 47953 |

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

| TOLERANCE UNLESS OTHERWISE SPECIFIED | DRAWN BY | DATE | JOHNSON® | |
|--------------------------------------|--------------|---------|---|-----------------------|
| DECIMALS | EJ | 1-12-89 | Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Muskegon, MI 49525 1-800-247-8256 | |
| .XX | CHECKED BY | DATE | TITLE | |
| .XXX | RJE | 6-12-89 | JACK ASSEMBLY END LAUNCH SMA | |
| MATL | APPROVED BY | DATE | CODE NO. | DRAWING NO. |
| FINSH | APPROVED BY | DATE | C - 142-0701-801/810 | |
| | RELEASE DATE | 6-14-89 | SCALE 10:1 | U/N INCH SHEET 2 OF 2 |