

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!



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In case that the application demands a high level of reliability, such as automotive, please contact a company representative for further information.

| ľ   | Note                                     | Unl∈      |             | REV      | ₽                        |           |         | CORF                                     | RAPII<br>TEMP                 | DAMF  | EN            | (AGAI                           | CABL                                    | SHOCK   | \ <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>                              | MECH  | HTIM              | INSE                              | CONT                                    | MEC                        | INSE           | VOLTAGE<br>WAVE RA:            | VOLT  | INSUI                 | CONT                    | E                        | MARKING             | GENERAL                               | <u> </u>     |        |                     | R <sub>A</sub>           |                   | <b>₹</b>            |
|---|--|-----------|-------------|----------|--------------------------|-----------|---------|--|-------------------------------|---|---------------|---------------------------------|---|---|--|---|-------------------|-----------------------------------|---|----------------------------|----------------|--------------------------------|---|-----------------------|-------------------------|--------------------------|---------------------|---------------------------------------|--------------|--------|---------------------|--------------------------|-------------------|---------------------|
| אַ  | l  | ss other  |             | REMARK   |                          | COUNT     |         | CORROSION SALT MIST                      | RAPID CHANGE (<br>TEMPERATURE | DAMP HEAT   | ENVIRONMENTAL | (AGAINST CABLE PULL)            | CABLE CLAMP                             | ×   | VIBRATION  | MECHANICAL OPERATION  | WITHDRAWAL FORCES | INSERTION AND                     | CONTACT INSERTION AND EXTRACTION FORCES | HANICAL (                  | INSERTION LOSS | VOLTAGE STANDING<br>WAVE RATIO | VOLTAGE PROOF                               | INSULATION RESISTANCE | CONTACT RESISTANCE      | CTRIC                    | CING                | RAL EXAMI                             | CONSTRUCTION |        | PE                  | RATING PO                | 류우                | LICABL              |
| QT:Qualification Test AT:Assurance Test X:Applicable  SPECIFICATION SHEET | ication Test                             | wise spec | RoHS        |          |                          | DE DE     |         | T MIST                                   | OF                            |   | 1ENTAL        | PULL)                           |   |   |  | ERATION   | ORCES             |                                   | TION AND<br>RCES                        | MECHANICAL CHARACTERISTICS |                | ING                            | 11  | STANCE                | TANCE                   | ELECTRIC CHARACTERISTICS |                     | EXAMINATION                           | NOITS        |        | PECULIARITY         | POWER                    | TEMPERATURE RANGE | APPLICABLE STANDARD |
|   | Unless otherwise specified, refer to JIS | COMPLIANT |             | -SIG     | DESCRIPTION OF REVISIONS |           | EXPOSED | TEMPERATURE                              | EXPOSED AT<br>10 CYCLES,      | CHARA   | AT            | APPLYING.                       | 490 m/s <sup>2</sup> [<br>AT 3 T        | FREQUENCY 10 SINGLE AMPLITUDE AT 10 CYCLES FC | 500 TIME:  | MEAGONE   | MEASURED          | Φ.                                | RISTICS                                 | FREQUENCY                  | FREQUENCY      | 500 V AC                       | 500 V DC                                    | 100 mA                | CTERIS                  | CONFIRME                 | VISUALLY /          |                                       |              |        |                     | <b>.</b>                 |                   |                     |
|   | rance Test                               | er to JIS | JANT        |          | DIS-D-000131             | N OF REVI |         | N 5% SALT                                | ORE -55 -<br>30<br>CYCLES.    | +25<br>TOTA   | Ä             | N MAX.                          | A PULL FOR                              | 490 m/s <sup>2</sup> DIRECTIONS OF PULSE      | DIMAS DIRECTIONS   | SINSERTIO   | 1                 | BY APPLIC                         | \$\phi 0.49 \ -0.005                    | ,                          | NCY            | NCY 0.045                      | FOR 1 min.                                  |                       | mA MAX (DC OR 1000 Hz). | TICS                     | CONFIRMED VISUALLY. | ND BY MEA                             |              |        |                     |                          | -55 °C TO         |                     |
| SHEET   | X:Applicable                             | C 5402.   |             |          |                          | SIONS     |         | MATER SPR                                | → → 3 → →                     | Ç   |               |                                 | CE THE CABLE A                          | OF PULSE                                      | 0.75 mm, 98 n<br>3 DIRECTIONS.   |   |                   | MEASURED BY APPLICABLE CONNECTOR. |   |                            | - To           | 45 TO 1                        | CURRENT LI                                  |                       | ( 1000 Hz).             |                          | •                   | VISUALLY AND BY MEASURING INSTRUMENT. | TEST METHOD  | SPE    |                     | - W                      |                   |                     |
| -   | e Test                                   |           |             |          |                          |           |         | EXPOSED IN 5% SALT WATER SPRAY FOR 48 h. | ±85<br>→                      | 80 TO 96  |               |                                 | APPLYING A PULL FORCE THE CABLE AXIALLY | 11 ms   | 98 m/s <sup>2</sup><br>TIONS.  | RACTIONS.   |                   | ECTOR.                            | BY STEEL GAUGE.                         |                            | GHz            | GHz.                           | 500 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX. |                       |                         |                          |                     | TRUMENT.                              | Ĭ            | OFIC   |                     |                          | +85°C(95%RH MAX)  |                     |
| PART NO   | DR,                                      |           |             |          | TS.SAWAI                 | DESIGNED  |         |  | _ °C<br>3 min.                | %<br>'& 'A' -1  |               | N                               |   |   | N) -   | N) -  | ml                |                                   |   |                            | Z              |                                |   |                       |                         |                          |                     | 'n                                    |              | ATIONS | APPLIC<br>CABLE     | IMPEC                    |                   |                     |
| ,<br>O  | DRAWING NO                               | DR.       | DESI        | APPR     | 'AΙ                      | (ED       |         | NO HEAVY CORROSION.                      | NO DAMAGE,<br>PARTS.          | 1) INSULATION RESISTANCE: 100 (AT HIGH HUMIDITY) 2) INSULATION RESISTANCE: 1000 (AT DRY) 3) NO DAMAGE, CRACK AND LOOSEN OF PARTS. |               | CABLE.  2) NO BREAKAGE OF CLAMP | 1) NO WITHE                             | OF PARTS.                                     | 1) NO ELECTRICAL DISCONTINUITY O<br>1µs.<br>2) NO DAMAGE, CRACK AND LOOSEN | 1) CONTACT RESISTANCE: CENTER CONTACT 11 mΩMAX. OUTER CONTACT 11 mΩMAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. | EXTRACTION FARCE  | INSERTION FORCE                   | INSERTION FORCE EXTRACTION FARCE        |                            |                | VSWR                           | NO FLASHOVER OR                             |                       | CENTER CONTACT          |                          |                     | ACCORDING 1                           |              | S      | APPLICABLE<br>CABLE | CHARACTERISTIC IMPEDANCE | AGE<br>ERATURE RA | )<br>I              |
| _   |  | DRAWN     | DESIGNED    | APPROVED |                          |           |         | ORROSI                                   |                               | SULATION RESISTA (AT HIGH HUMIDITY) SULATION RESISTA (AT DRY) D DAMAGE, CRACK I DF PARTS.   |               | GE OF CL                        | )RAWAL AI                               | ٠   | E, CRACK.  | RESISTANO<br>CONTACT<br>CONTACT<br>E, CRACK.  | N FARCE           | ORCE                              | PARCE FARCE                             |                            | i<br>eb        |                                | R OR BRE                                    | ے                     | اا                      |                          |                     | TO DRAWING                            | REQUIR       |        |                     | 75                       | <u>ਵ</u>          |                     |
| PL71-R-P  | ELC4-                                    | TS.S      | NK.NII      | TIM.LI   | KY.SHIMIZU               | CHECKE    |         | ON.                                      | CRACK AND LOOSENE             | (NCE: 100<br>(NCE: 1000<br>AND LOOSEN   |               | AMP.                            | WITHDRAWAL AND BREAKAG                  |   | AND LOOSE  | CE: 11 mΩI 11 mΩI AND LOOSE   |                   | •                                 | 0.5                                     |                            | MAX.           | 1.2                            | BREAKDOWN.                                  |                       | 6 mΩ MAX.               |                          |                     | ด็                                    | REQUIREMENTS |        |                     | 0) & 9                   | -55°C TO +        |                     |
| -PC (40)  | 4-029382-40                              | TS.SAWAI  | NK.NINOMIYA | ITANI    | IZU                      | ED        |         |  | NESS OF                       | O MΩMIN. DO MΩMIN. ENESS  | 1 1           |                                 | AGE OF                                  |   | ENESS  | MAX.<br>MAX.<br>ENESS   | N MAX.            | N MAX.                            | N MAX.                                  |                            |                | MAX.                           |   |                       |                         |                          |                     |                                       |              |        |                     | TO 1 GHz)                | +85°C(95%RH MAX)  |                     |
|   | 2–40                                     | 05.10.20  | 05.10.28    | 05.10.28 | 05.11.09                 | DATE      |         | ×  | ×                             | ×   |               | I                               | ;                                       | <   | ×  | ×   |                   | 1                                 | × I                                     |                            | 1              | ×                              | ×   | × :                   | ××                      | }                        | I                   | ×                                     | 의            |        |                     | <u> </u>                 | XAM HS            |                     |
|   |  |           | ). 20       | 0.28     | 1.09                     |           |         | 1  | 1                             | 1   |               | 1                               |   |   | 1  | 1   | ı                 | I                                 | ×Ι                                      |                            | ī              | _                              | ×   | × :                   | ××                      |                          | ı                   | ×                                     | A            |        |                     |                          | ٦                 |                     |

HIROSE ELECTRIC CO., LTD. SPECIFICATION SHEET

CODE NO.

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