

| APPLICABLE STANDARD  |   |                              |   |  |                |     |
|--|---|------------------------------|---|--|----------------|-----|
| RATING   | OPERATING TEMPERATURE RANGE                           | - 40°C TO + 90°C (90%RH MAX) | STORAGE TEMPERATURE RANGE   | - 40°C TO + 90°C (90%RH MAX)                   |                |     |
|  | POWER   | —W                           | CHARACTERISTIC IMPEDANCE  | 50Ω ( 0 TO 6 GHz)                              |                |     |
|  | PECULIARITY   | —                            | APPLICABLE CABLE  | FWS5064 (WHITE)<br>KURABE INDUSTRIAL CO., LTD. |                |     |
| SPECIFICATIONS   |   |                              |   |  |                |     |
| ITEM   | TEST METHOD   |                              | REQUIREMENTS  | QT   | AT             |     |
| <b>CONSTRUCTION</b>  |   |                              |   |  |                |     |
| GENERAL EXAMINATION  | VISUALLY AND BY MEASURING INSTRUMENT.                 |                              | ACCORDING TO DRAWING.   | X  | X              |     |
| MARKING  | CONFIRMED VISUALLY.                                   |                              |   | X  | X              |     |
| <b>ELECTRIC CHARACTERISTICS</b>                                |   |                              |   |  |                |     |
| CONTACT RESISTANCE   | 10 mA MAX (DC OR 1000 Hz).                            |                              | CENTER CONTACT  | 176 mΩ MAX.                                    | X              | X   |
|  |   |                              | OUTER CONTACT   | 76 mΩ MAX.                                     | X              | X   |
| INSULATION RESISTANCE  | 100 V DC.   |                              | 500 MΩ MIN.   | X  | X              |     |
| VOLTAGE PROOF  | 200 V AC. FOR 1 min. CURRENT LEAKAGE 2mA MAX.         |                              | NO FLASHOVER OR BREAKDOWN.  | X  | X              |     |
| VOLTAGE STANDING WAVE RATIO                                    | FREQUENCY 0.045 TO 3 GHz                              |                              | VSWR  | 1.3 MAX.                                       | X              | —   |
|  | FREQUENCY 3 TO 6 GHz                                  |                              | VSWR  | 1.4 MAX.                                       |                |     |
| INSERTION LOSS   | FREQUENCY TO GHz                                      |                              |   | dB MAX.  | —              | —   |
| <b>MECHANICAL CHARACTERISTICS</b>                              |   |                              |   |  |                |     |
| CABLE CLAMP ROBUSTNESS (AGAINST CABLE PULL)                    | APPLYING A PULL FORCE THE CABLE AXIALLY AT 9.8 N MAX. |                              | 1) NO WITHDRAWAL AND BREAKAGE OF CABLE.<br>2) NO BREAKAGE OF CLAMP. |  | X              | —   |
|  |   |                              |   |  |                |     |
| COUNT  | DESCRIPTION OF REVISIONS                              |                              | DESIGNED  | CHECKED  | DATE           |     |
| △  |   |                              |   |  |                |     |
| REMARK<br>RoHS COMPLIANT                                       |   |                              | APPROVED  | KY. SHIMIZU                                    | 14.11.17       |     |
|  |   |                              | CHECKED   | TO. KATAYAMA                                   | 14.11.17       |     |
|  |   |                              | DESIGNED  | YI. FUNADA                                     | 14.11.14       |     |
| Unless otherwise specified, refer to JIS C 5402.               |   |                              | DRAWN   | YI. FUNADA                                     | 14.11.14       |     |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test |   |                              | DRAWING NO.   |  | ELC4-361456-02 |     |
| <b>HRS</b>   | SPECIFICATION SHEET                                   |                              | PART NO.  | HRMJ-X.FL-068K3TS-A-300RS                      |                |     |
|  | HIROSE ELECTRIC CO., LTD.                             |                              | CODE NO.  | CL321-6605-0-02                                | △              | 1/1 |