

|   |  |   |                           |                       |            |
|---|--|---|---------------------------|-----------------------|------------|
| APPLICABLE STANDARD   |  |   |                           |                       |            |
| RATING  | POWER  | 2 W   | CHARACTERISTIC IMPEDANCE  | 50 Ω                  |            |
|   | OPERATING TEMPERATURE RANGE                                      | -30°C TO +70 °C   | STORAGE TEMPERATURE RANGE | -30°C TO +70 °C       |            |
|   | FREQUENCY RANGE  | DC TO 6000 MHz  | OPERATING HUMIDITY RANGE  | _____                 |            |
|   | CURRENT  | _____   | APPLICABLE CABLE          | DFS111-UL1979         |            |
| SPECIFICATIONS  |  |   |                           |                       |            |
| ITEM  |  | TEST METHOD   | REQUIREMENTS              | QT                    | AT         |
| CONSTRUCTION  |  |   |                           |                       |            |
| GENERAL EXAMINATION   |  | VISUALLY AND BY MEASURING INSTRUMENT.   | ACCORDING TO DRAWING.     | ×                     | ×          |
| ELECTRIC CHARACTERISTICS  |  |   |                           |                       |            |
| VSWR  | FREQUENCY DC TO 3000 MHz.  | 1.4 MAX.  |                           | ×                     | —          |
|   | FREQUENCY DC TO 6000 MHz.  | 1.8 MAX.  |                           |                       |            |
| CONTACT RESISTANCE  | VALUE AT MAXIMUM OF DC 100mA .                                   | CENTER 125 mΩ MAX.  | ×                         | ×                     |            |
|   |  | OUTER 35 mΩ MAX.  |                           |                       |            |
| INSULATION RESISTANCE   | VALUE AT DC 100V MIN.  | 1000 MΩ MIN.  | ×                         | —                     |            |
| VOLTAGE PROOF   | MUST KEEP THE AC 100 V FOR 1 min.                                | NO FLASHOVER OR BREAKDOWN.  | ×                         | ×                     |            |
| MECHANICAL CHARACTERISTICS  |  |   |                           |                       |            |
| CABLE TERMINATION STRENGTH  | TENSILE FORSE AT MAXIMUM 29.4 N IS APPLIED TO THE CABLE AXIALLY. | ① CABLE MUST NOT BE LOOSEN OR BROKEN.<br>② NO DAMAGE AT THE CLAMP.  | ×                         | —                     |            |
| DURABILITY  | 500 TIMES INSERTION AND EXTRACTIONS SHALL BE DONE.               | ①CONTACT RESISTANCE:<br>CENTER 225 mΩ MAX<br>OUTER 135 mΩ MAX<br>②NO DAMAGE, CRACK, AND LOOSENESS OF PARTS. | ×                         | —                     |            |
|   |  |   |                           |                       |            |
| COUNT   | DESCRIPTION OF REVISIONS   | DESIGNED  | CHECKED                   | DATE                  |            |
| △   |  |   |                           |                       |            |
| REMARK<br>Lead-Free Solder(Sn3.0Ag0.5Cu) is used.<br><br>Unless otherwise specified, refer to JIS C 5402. |  |   | APPROVED                  | TY. OZAKI             | 09. 11. 27 |
|   |  |   | CHECKED                   | TY. OZAKI             | 09. 11. 27 |
|   |  |   | DESIGNED                  | DS. YAMAKOSHI         | 09. 11. 26 |
|   |  |   | DRAWN                     | DS. YAMAKOSHI         | 09. 11. 26 |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test  |  | DRAWING NO.   | ELC4-180951-00            |                       |            |
| HRS   | SPECIFICATION SHEET  |   | PART NO.                  | MS156LH1-HRMJ-088V100 |            |
|   | HIROSE ELECTRIC CO., LTD.  |   | CODE NO.                  | CL362-0162-3-00       | △ 1/1      |