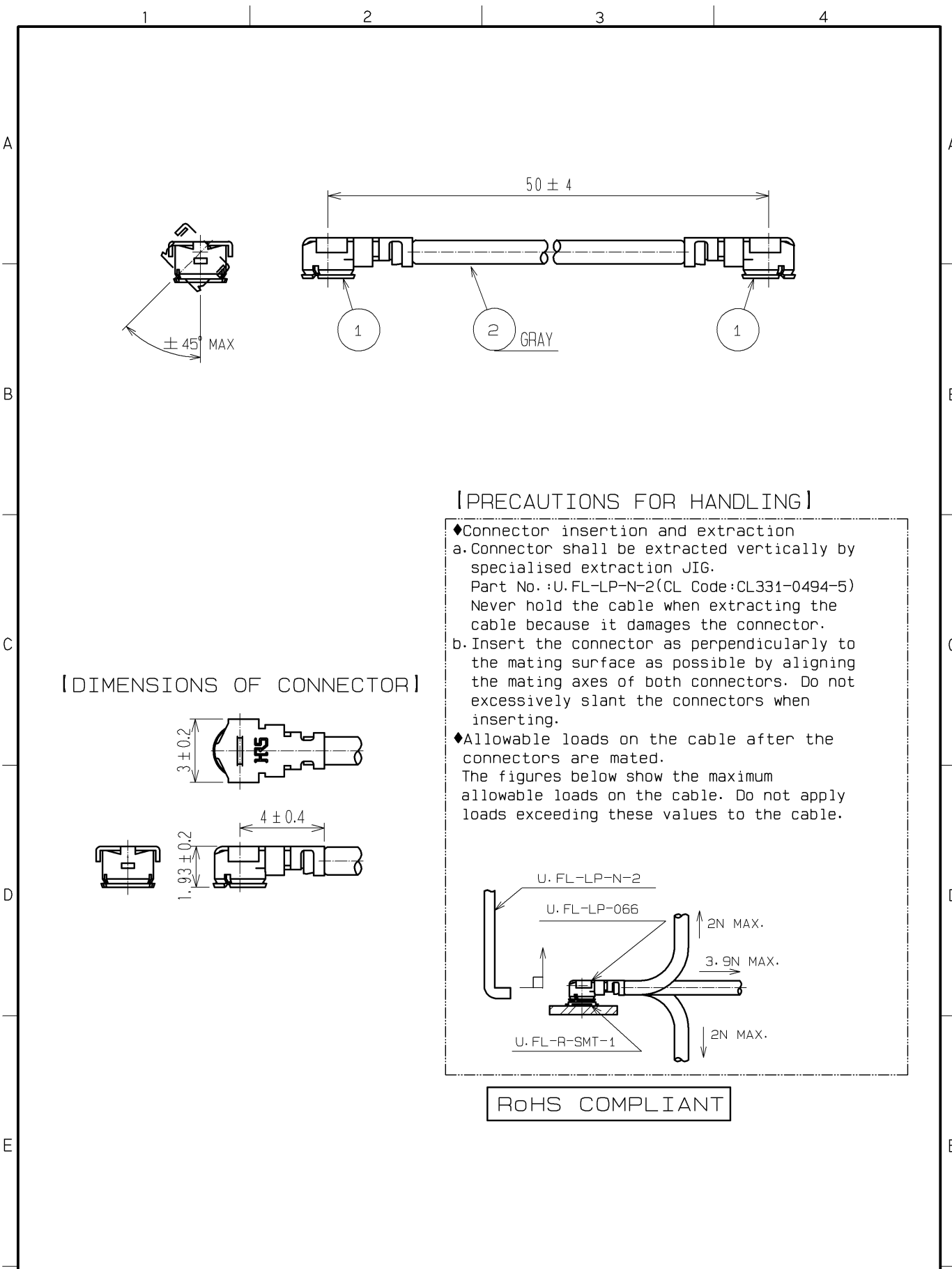


| APPLICABLE STANDARD   |   |                           |   |  |                |     |
|---|---|---------------------------|---|--|----------------|-----|
| RATING  | OPERATING TEMPERATURE RANGE                           | -40°C TO +90°C(90%RH MAX) | STORAGE TEMPERATURE RANGE   | -40°C TO +90°C(90%RH MAX)                    |                |     |
|   | POWER   | ————W                     | CHARACTERISTIC IMPEDANCE  | 50Ω ( 0 TO 6GHz)                             |                |     |
|   | PECULIARITY   | ————                      | APPLICABLE CABLE  | RF-MF5016(GRAY)<br>:NISSEI ELECTRIC CO.,LTD. |                |     |
| SPECIFICATIONS  |   |                           |   |  |                |     |
| ITEM  | TEST METHOD   |                           | REQUIREMENTS  | QT   | AT             |     |
| CONSTRUCTION  |   |                           |   |  |                |     |
| GENERAL EXAMINATION   | VISUALLY AND BY MEASURING INSTRUMENT.                 |                           | ACCORDING TO DRAWING.   | X  | X              |     |
| MARKING   | CONFIRMED VISUALLY.                                   |                           |   | X  | X              |     |
| ELECTRIC CHARACTERISTICS  |   |                           |   |  |                |     |
| CONTACT RESISTANCE  | 10 mA MAX (DC OR 1000 Hz).                            |                           | CENTER CONTACT  | 68 mΩ MAX.                                   | X              | X   |
|   |   |                           | OUTER CONTACT   | 29 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.  |  | —              | —   |
| MECHANICAL CHARACTERISTICS  |   |                           |   |  |                |     |
| 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           |     |
|   | 0   |                           |   |  |                |     |
| REMARK  |   |                           | APPROVED  | MH. YAMANE                                   | 08.11.26       |     |
| NOTE ① VSWR was measured with SMA conversion adapters attached to both ends of the applicable 100cm cable assembled |   |                           | CHECKED   | NK. NINOMIYA                                 | 08.11.26       |     |
|   |   |                           | DESIGNED  | YK. YASUMURO                                 | 08.11.21       |     |
| Unless otherwise specified, refer to JIS C 5402.  |   |                           | DRAWN   | YK. YASUMURO                                 | 08.11.21       |     |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test  |   |                           | DRAWING NO.   |  | ELC4-304657-01 |     |
| <b>HRS</b>  | SPECIFICATION SHEET                                   |                           | PART NO.  | U. FL-2LP-068N1-A- (50)                      |                |     |
|   | HIROSE ELECTRIC CO., LTD.                             |                           | CODE NO.  | CL321-3279-1-01                              |                | 1/1 |



|     |              |              |     |                 |                           |
|-----|--------------|--------------|-----|-----------------|---------------------------|
| 1   | U. FL-LP-066 | CL331-0452-5 | 2   | RF-MF5016(GRAY) | NISSEI ELECTRIC CO., LTD. |
| NO. | PART NO.     | CODE NO.     | NO. | PART NO.        | MANUFACTURER              |

|                           |  |               |           |  |   |         |      |
|---------------------------|--|---------------|-----------|--|---|---------|------|
| UNITS<br>mm               |  | SCALE<br>FREE | COUNT<br> | DESCRIPTION OF REVISIONS   | DESIGNED  | CHECKED | DATE |
| HIROSE ELECTRIC CO., LTD. |  |               |           | APPROVED : MH. YAMANE 08.11.26<br>CHECKED : NK. NINOMIYA 08.11.26<br>DESIGNED : YK. YASUMURO 08.11.21<br>DRAWN : YK. YASUMURO 08.11.21 | DRAWING NO. EDC4-304657-01<br>PART NO. U. FL-2LP-068N1-A-(50)<br>CODE NO. CL321-3279-1-01 |         |      |

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