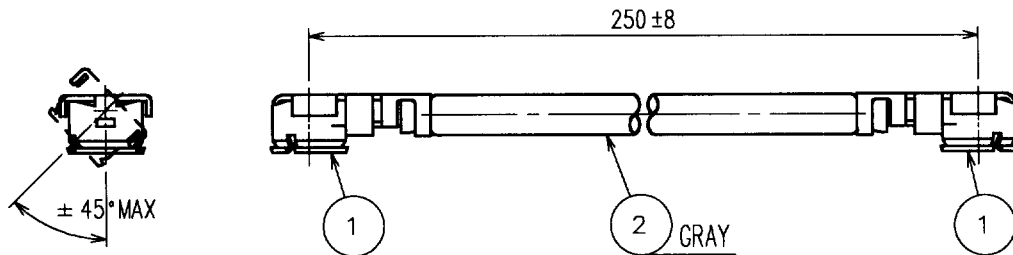


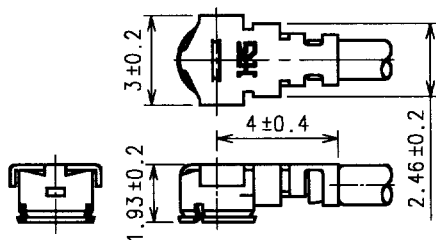
RoHS2(10 substances conformity)
 DRAWING FOR REFERENCE: This is subject to change without notice
 In cases where the application will demand a high level of reliability, such as automotive, please contact a company representative for further information.

| COUNT | DESCRIPTION OF REVISIONS | BY | CHKD | DATE | COUNT | DESCRIPTION OF REVISIONS | BY | CHKD | DATE |
|--|-----------------------------|---|-------------------------------|------|---|--------------------------------------|-------------------------|------------------------------------|----------|
| △ | | | | | △ | | | | |
| △ | | | | | △ | | | | |
| 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 | 50 Ω (0 TO 6 GHz) | | | |
| | PECULIARITY | — | | | APPLICABLE CABLE | A12B0733-01(GRAY) :JUNKOSHA IINC. | | | |
| SPECIFICATIONS | | | | | | | | | |
| ITEM | | TEST METHOD | | | REQUIREMENTS | | | QT | AT |
| CONSTRUCTION | | | | | | | | | |
| GENERAL EXAMINATION | | VISUALLY AND BY MEASURING INSTRUMENT. | | | ACCORDING TO DRAWING. | | | ○ | ○ |
| MARKING | | CONFIRMED VISUALLY. | | | | | | ○ | ○ |
| ELECTRIC CHARACTERISTICS | | | | | | | | | |
| CONTACT RESISTANCE | | 10 mA MAX (DC OR 1000 Hz). | | | CENTER CONTACT | 174 mΩ MAX. | | ○ | ○ |
| | | | | | OUTER CONTACT | 41 mΩ MAX. | | ○ | ○ |
| INSULATION RESISTANCE | | 100 VDC. | | | 500 MΩ MIN. | | | ○ | ○ |
| VOLTAGE PROOF | | 200 V AC FOR 1 min. CURRENT LEAKAGE 2mA MAX. | | | NO FLASHOVER OR BREAKDOWN. | | | ○ | ○ |
| VOLTAGE STANDING | | FREQUENCY 0.045 TO 3 GHz. | | | VSWR | | 1.3 MAX. | ○ | - |
| WAVE RATIO | | FREQUENCY 3 TO 6 GHz. | | | VSWR | | 1.5 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. ② NO BREAKAGE OF CLAMP. | | | ○ | - |
| REMARKS | | | | | | | | | |
| NOTE ① VSWR was measured with SMA conversion adapters attached to both ends of the applicable 100cm cable assembled. | | | | | DRAWN | DESIGNED | CHECKED | APPROVED | RELEASED |
| Unless otherwise specified, refer to JIS C 5402. | | | | | Y. Yasumura '04.06.02 | N. Ninomiya '04.06.04 | K. Shimizu '04.06.04 | I. Mitani '04.06.07 | |
| Note QT:Qualification Test AT:Assurance Test O:Applicable Test | | | | | | | | | |
| HRS HIROSE ELECTRIC CO., LTD. | | | | | SPECIFICATION SHEET | | | PART NO. U.FL-2LP-066J1-A-(250) | |
| CODE NO.(OLD) CL | | | DRAWING NO. ELC4-304073-19 | | | PART NO. CL321-3240-6-19 | | | 1/1 |

| 1 | 2 | | | 3 | | | 4 | | |
|-------|--------------------------|----|------|------|-------|--------------------------|----|------|------|
| COUNT | DESCRIPTION OF REVISIONS | BY | CHKD | DATE | COUNT | DESCRIPTION OF REVISIONS | BY | CHKD | DATE |
| △ | | | | .. | △ | | | | .. |
| △ | | | | .. | △ | | | | .. |
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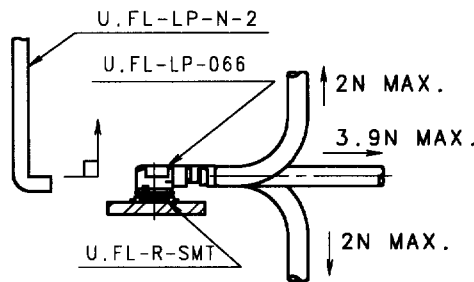


[DIMENSIONS OF CONNECTOR]



[PRECAUTIONS FOR HANDLING]

- ◆Connector insertion and extraction
 - a. Connector shall be extracted vertically by specialised extraction JIG.
 Part No.: U.FL-LP-N-2 (CL Code: CL331-0494-5)
 Never hold the cable when extracting the cable because it damages the connector.
 - b. Insert the connector as perpendicularly to the mating surface as possible by aligning the mating axes of both connectors. Do not excessively slant the connectors when inserting.
- ◆Allowable loads on the cable after the connectors are mated.
 The figures below show the maximum allowable loads on the cable. Do not apply loads exceeding these values to the cable.



| | | | | | |
|-----|-------------|--------------|-----|--------------------|---------------|
| 1 | U.FL-LP-066 | CL331-0452-5 | 2 | A12B0733-01 (GRAY) | JUNKOSHA INC. |
| NO. | PART NO. | CODE NO. | NO. | PART NO. | MANUFACTURER |

| | | | | | |
|----------------------|--|---|---|---|----------|
| CODE NO. (OLD) CL | DRAWN <i>Y. Yasumura</i> '04.06.02 | DESIGNED <i>H. Ninomiya</i> '04.06.04 | CHECKED <i>K. Shimizu</i> '04.06.04 | APPROVED <i>I. Mitani</i> '04.06.07 | RELEASED |
|----------------------|--|---|---|---|----------|

| | | | |
|----------------------------------|--|---|--------|
| SCALE FREE UNITS mm | DRAWING NO. EDC4-304073-19 HIROSE ELECTRIC CO., LTD. | PART NO. U.FL-2LP-066J1-A-(250) CODE NO. CL321-3240-6-19 | 1 1 |
|----------------------------------|--|---|--------|

| |
|----|
| TO |
| RF |
| |
| |

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