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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

| Applicable standard | | | | |
|---|---|---|---|---|
| Rating | Operating temperature range | -40 ℃ to +105 ℃( 90 %RH Max.) | Storage temperature range | -40 ℃ to +90 ℃( 90 %RH Max.) |
| | Power | -- W | Characteristic impedance | 50 Ω( 0 to 8 GHz) |
| | Peculiarity | ---- | Applicable cable | 0.81 Dia. coaxial cable. |

## SPECIFICATIONS

| ITEM | TEST METHOD | REQUIREMENTS | QT | AT |
|---|---|---|---|---|
| **CONSTRUCTION** | | | | |
| General examination | Visually and by measuring instrument. | According to drawing. | X | X |
| **ELECTRICAL CHARACTERISTICS** | | | | |
| Insulation resistance | 100 V DC. | 500 MΩ Min. | X | X |
| Withstanding voltage | 200 V AC for 1 min. current leakage 2 mA Max. | No breakdown. △1 | X | X |
| Voltage standing wave ratio 〔1〕 | Frequency 0 to 3 GHz.<br>Frequency 3 to 6 GHz.<br>Frequency 6 to 8 GHz. | VSWR 1.3 Max.<br>VSWR 1.35 Max.<br>VSWR 1.4 Max. | X | — |
| **MECHANICAL CHARACTERISTICS** | | | | |
| Cable clamp strength (Against cable pull) | Using a pulling tester, pull the cable axially at a rate of 10 mm/min. and record the strength at which the cable or connector breaks. | 7 N Min. | X | — |

| | Count | Description of revisions | Designed | Checked | Date |
|---|---|---|---|---|---|
| △ | 2 | DIS-D-00011775 | MS. MATSUMOTO | MT. KANEKO | 20220512 |

Remark HALOGEN FREE

Notes 〔1〕 VSWR is measured with SMA conversion adapters attached to both ends of the applicable cable assembled.

2. "L" at the end of the product name indicates the cable length (unit:mm).

3. Specifications are subject to change without notice.

Unless otherwise specified, refer to IEC 60512. △1

| | | |
|---|---|---|
| Approved | NK.NINOMIYA | 20201028 |
| Checked | MT.KANEKO | 20201027 |
| Designed | MS.MATSUMOTO | 20201027 |
| Drawn | MS.MATSUMOTO | 20201027 |

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

| | | | |
|---|---|---|---|
| | | Drawing No. | |
| HRS | SPECIFICATION SHEET | Part No. | UFL-2LPHF6-04**TV-AE-L |
| | HIROSE ELECTRIC CO., LTD. | Code No. | △1 1/1 |

FORM HD0011-2-1