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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 °C to +105 °C(90 %RH Max.) | Storage temperature range | -40 °C to +90 °C(90 %RH Max.) | |
| | Power | -- W | Characteristic impedance | 75 Ω(0 to 12 GHz) | |
| | Peculiarity | ---- | Applicable cable | 1.5 Dia. coaxial cable(Green) | |
| 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 flashover or breakdown. | X | X | |
| Voltage standing wave ratio (Return Loss) | Frequency 0 to 3 GHz. | VSWR 1.3 Max. (17.7dB Min.) | X | — | |
| | Frequency 3 to 12 GHz. | VSWR 1.5 Max. (13.9dB Min.) | | | |
| Insertion Loss | Frequency - to - GHz. | --- dB Max. | — | — | |
| 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. | 14.7 N Min. | X | — | |
| | | | | | |
| Count | Description of revisions | Designed | Checked | Date | |
| 0 | | | | | |
| Remark | | | Approved | NK.NINOMIYA | 20200131 |
| NOTE ① VSWR was measured with BNC(75)J-D.FL75J-BPA conversion adapters. | | | Checked | NK.NINOMIYA | 20200131 |
| 2. Specifications are subject to change without notice. | | | Designed | YK.KIUCHI | 20200131 |
| HALOGEN FREE | | | Drawn | YK.KIUCHI | 20200131 |
| Unless otherwise specified, refer to IEC 60512. | | | | | |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test | | Drawing No. | | | |
| HRS | SPECIFICATION SHEET | Part No. | DFL75-2LPP-084N9D-A-L | | |
| | HIROSE ELECTRIC CO., LTD. | Code No. | 0 | 1/1 | △ |