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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 | -25°C to +85°C | Storage Temperature Range | -10°C to +60°C | |
| | Voltage | _____ | _____ | _____ | |
| | Current | 2 A (When using AWG#24) | Applicable Cable | AWG#24 to 28 (Insulation diameter: φ1.15 MAX) | |
| 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 | Contact shall be measured at DC 1 A | | 20 mΩ MAX. | × | — |
| MECHANICAL CHARACTERISTICS | | | | | |
| Mechanical Operation | 100 times Insertions and extractions. | | Contact resistance: 20 mΩ MAX. | × | — |
| Tensile Strength (Crimped Connection) | Crimped only connector of the applicable wire and pulling the applicable wire. | | AWG #28 : 15.6 N MIN. AWG #26 : 23.5 N MIN. AWG #24 : 35.3 N MIN. | × | — |
| | | | | | |
| | COUNT | DESCRIPTION OF REVISIONS | DESIGNED | CHECKED | DATE |
| | | | | | |
| REMARK | | | APPROVED | HY.KOBAYASHI | 20240808 |
| | | | CHECKED | HY.KOBAYASHI | 20240808 |
| | | | DESIGNED | HY.KISHI | 20240807 |
| | | | DRAWN | HY.KISHI | 20240807 |
| Unless otherwise specified, refer to IEC 60512. (JIS C 5402) | | | | | |
| Note QT:Qualification Test AT:Assurance Test X:Applicable Test | | | DRAWING NO. | ELC-396719-00-00 | |
| | SPECIFICATION SHEET | | PART NO. | HR22-PC1-221 | |
| | HIROSE ELECTRIC CO., LTD. | | CODE NO. | CL0122-0094-0-00 | 1/1 |