

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

COUNT	DESCRIPTION OF REVISIONS	BY (CHKD)	DATE	COUNT	DESCRIPTION OF REVISIONS	BY (CHKD)	DATE
✓			..	✓			..
✓			..				..

**APPLICABLE STANDARD**

OPERATING TEMPERATURE RANGE	-30 °C TO +85°C (MOTEL)	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C
VOLTAGE	250 V DC	APPLICABLE CONTACT	-
CURRENT	3 A	APPLICABLE CONNECTOR	-
		APPLICABLE CABLE	UL1061 24AWG TO 28AWG

**SPECIFICATIONS**

**ITEM TEST METHOD REQUIREMENTS Q/T A/T**

CONSTRUCTION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	○	○
GENERAL EXAMINATION	CONFIRMED VISUALLY.		○	○
MARKING			○	○
ELECTRICAL CHARACTERISTICS				
CONTACT RESISTANCE	100 mA(DC OR 1000 Hz).	30 mΩ MAX.	○	-
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.	20 mV MAX. mA(DC OR 1000 Hz).	mΩ MAX.	-	-
INSULATION RESISTANCE	500 V DC	1000 MΩ MIN.	○	-
VOLTAGE PROOF	650 V AC FOR 1 min	NO FLASHOVER OR BREAKDOWN.	○	-

**MECHANICAL CHARACTERISTICS**

CONTACT INSERTION AND EXTRACTION FORCES	BY STEEL GAUGE.	INSERTION FORCE EXTRACTION FORCE	N MAX. N MIN.	-
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE EXTRACTION FORCE	N MAX. N MIN.	-
MECHANICAL OPERATION	TIMES INSERTIONS AND EXTRACTIONS	CONTACT RESISTANCE: NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	mΩ MAX. -	-
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, m/s <sup>2</sup> AT 3 DIRECTIONS.	CONTACT RESISTANCE: NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	mΩ MAX. -	-
SHOCK	m/s <sup>2</sup> DURATION OF PULSE AT TIMES FOR DIRECTIONS.	CONTACT RESISTANCE: NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	mΩ MAX. -	-

**ENVIRONMENTAL CHARACTERISTICS**

DAWP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90~95 % H.	CONTACT RESISTANCE: 30 mΩ MAX. INSULATION RESISTANCE: 1000 MΩ MIN. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55~5~35~+85~5~35 °C TIME 30~5~30~5 min UNDER 5 CYCLES.	CONTACT RESISTANCE: 30 mΩ MAX. INSULATION RESISTANCE: 1000 MΩ. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	-
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, IMMERSION, DURATION, °C FOR S.	NO DEFORMATION OF CASE OR EXCESSIVE LOOSENESS OF THE TERMINALS.	-	-
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, FOR IMMERSION DURATION, °C	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSD.	-	-

REMARKS	NOTE! INCLUDE THE TEMPERATURE RISING BY CURRENT.	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	Unless otherwise specified, refer to MIL-STD-1344.	<i>T. Miyagaki</i>	<i>T. Miyagaki</i>	<i>T. Oka</i>	<i>Hiromasa</i>	

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

<b>HRS</b>	HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO.
CODE NO. (OLD)	DRAWING NO.		
CL	ELC1-160365		
		CODE NO.	0003-4
			0016-6
			1/1

TO

