

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
✓			..	✓			..
✓		

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	Q/T	A/T
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	○	○
MARKING	CONFIRMED VISUALLY.		○	○
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: mΩ MAX. ○ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	—	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, m/s ² AT 3 DIRECTIONS.	○ NO ELECTRICAL DISCONTINUITY OF PARTS. ○ CONTACT RESISTANCE: mΩ MAX. ○ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—
SHOCK	m/s ² DURATION OF PULSE AT TIMES FOR DIRECTIONS.	○ NO ELECTRICAL DISCONTINUITY OF PARTS. ○ CONTACT RESISTANCE: mΩ MAX. ○ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	—	—
ENVIRONMENTAL CHARACTERISTICS				
DAWP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90~95 %	h. 96	○	—
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.	—	—
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, FOR IMMERSION DURATION.	°C s.	—	—

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

REMARKS
NOTE! INCLUDE THE TEMPERATURE RISING BY CURRENT.
Unless otherwise specified, refer to MIL-STD-1344.

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

DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
<i>T. Miyagaki</i>	<i>T. Miyagaki</i>	<i>T. Oka</i>	<i>Y. Yamamoto</i>	
95.4.17	95.4.17	95.4.18	95.4.18	

HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. DH4-XP-2C
CODE NO. (OLD) CL	DRAWING NO. ELC4-160365	CODE NO. 0003-4
		0016-6
		1/1

TO

