

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-30 °C TO +85 °C (NOTE 1)	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
<b>CONSTRUCTION</b>						
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.			○	○
MARKING	CONFIRMED VISUALLY.				○	○
<b>ELECTRICAL CHARACTERISTICS</b>						
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.			○	—
<b>MECHANICAL CHARACTERISTICS</b>						
CONTACT INSERTION AND EXTRACTION FORCES	BY STEEL GAUGE.	INSERTION FORCE N MAX. EXTRACTION FORCE N MIN.			—	—
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE N MAX. EXTRACTION FORCE N MIN.			—	—
MECHANICAL OPERATION	TIMES INSERTIONS AND EXTRACTIONS	① CONTACT RESISTANCE: mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			—	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm. - m/s <sup>2</sup> AT 2 h FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF #s. ② CONTACT RESISTANCE: — mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			○	—
SHOCK	AT m/s <sup>2</sup> DURATION OF PULSE ms TIMES FOR DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF #s. ② CONTACT RESISTANCE: mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			—	—
<b>ENVIRONMENTAL CHARACTERISTICS</b>						
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90~95% 96 h.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ 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.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			○	—
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, IMMERSION, DURATION, °C FOR s.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.			—	—
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, FOR IMMERSION DURATION, °C s.	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95% OF THE SURFACE BEING IMMersed.			—	—

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
NOTE 1 INCLUDE THE TEMPERATURE RISING BY CURRENT. Unless otherwise specified, refer to MIL-STD-1344.	J. Miyazaki 95.4.17	J. Miyazaki 95.4.17	J. Ono 95.4.18	H. Yamamoto 95.4.18	

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.	DF4-XP-2C
CL	ELC4-160365	CODE NO.	0003-4 CL544-0016-6

TO

