

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-35°C TO +85°C (NOTE1)	STORAGE TEMPERATURE RANGE	-10°C TO +60°C
	VOLTAGE	150 V AC	APPLICABLE CONTACT	_____
	CURRENT	1 A	APPLICABLE CONNECTOR	_____
			APPLICABLE CABLE	UL 1571, 26-28 AWG

### SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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#### 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	V DC	MΩ MIN.	—	—
VOLTAGE PROOF	V AC FOR 1 min	NO FLASHOVER OR BREAKDOWN.	—	—

#### MECHANICAL CHARACTERISTICS

CONTACT INSERTION AND EXTRACTION FORCES	□ 0.3 <sup>+0.005</sup> <sub>0</sub> BY STEEL GAUGE.	INSERTION FORCE 0.3 N MAX. EXTRACTION FORCE 3 N MIN.	○	—
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE N MAX. EXTRACTION FORCE N MIN.	—	—
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS	① CONTACT RESISTANCE: 30 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 PARTS. ② CONTACT RESISTANCE: — mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—
SHOCK	490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF PARTS. ② CONTACT RESISTANCE: — mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—

#### ENVIRONMENTAL CHARACTERISTICS

DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2°C, 90-95% RH, 96 h.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: — MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -65→-5→-35→+125→-5→-35°C TIME 30→10-15→30→10-15 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: — 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
NOTE1 INCLUDE THE TEMPERATURE RISING BY CURRENT. Unless otherwise specified, refer to MIL-STD-1344.	R. Sasaki	L. Tashiro	J. Onda	<i>[Signature]</i>	
	'95.5.25	'95.5.25	'95.5.25	'95.5.26	

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

<b>HRS</b> HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. DF14-2628SCF
CODE NO. (OLD) CL	DRAWING NO. ELC4-160216-01	CODE NO. CL 538-0001-7

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