

DESCRIPTION OF REVISIONS		BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS		BY	CHKD	DATE
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APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	- 3 5 °C TO 8 5 °C(NOTE1)		STORAGE TEMPERATURE RANGE	- 1 0 °C TO 6 0 °C
	VOLTAGE	5 0 V A C		APPLICABLE CONNECTOR	DF23A/C-*DP-0.5V
	CURRENT	0. 3 A			

SPECIFICATIONS					
ITEM	TEST METHOD		REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	x	x
MARKING	CONFIRMED VISUALLY.			x	x
ELECTRICAL CHARACTERISTICS					
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).		60 mΩ MAX.	x	—
INSULATION RESISTANCE	100 V DC.		500 MΩ MIN.	x	—
VOLTAGE PROOF	150 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.	x	—
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION	50 TIMES INSERTIONS AND EXTRACTATIONS.		1. CONTACT RESISTANCE: 60 mΩ MAX. 2. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	x	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm. AT 2 h FOR 3 DIRECTIONS.		1. NO ELECTRICAL DISCONTINUITY OF 1 μs. 2. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	x	—
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		1. NO ELECTRICAL DISCONTINUITY OF 1 μs. 2. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	x	—
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.		1. CONTACT RESISTANCE: 60 mΩ MAX. 2. INSULATION RESISTANCE: 250 MΩ MIN. 3. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	x	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE: -55→ 5 TO 35→85→ 5 TO 35 °C TIME: 30→10 TO 15→30→10 TO 15 min UNDER 5 CYCLES.		1. CONTACT RESISTANCE: 60 mΩ MAX. 2. INSULATION RESISTANCE: 500 MΩ MIN. 3. NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	x	—
CORROSION SALT MIST	EXPOSED IN 5% SALT WATER SPRAY FOR 48 h.		1. CONTACT RESISTANCE: 60 mΩ MAX. 2. NO HEAVY CORROSION.	x	—
SULPHUR DIOXIDE	EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD: JEIDA-39)		1. CONTACT RESISTANCE: 60 mΩ MAX. 2. NO HEAVY CORROSION.	x	—

REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT. Unless otherwise specified, refer to MIL-STD-1344.	DRAWN <i>T. Gai</i> '01.3.14	DESIGNED <i>T. Gai</i> '01.3.14	CHECKED <i>S. Tashiro</i> '01.3.16	APPROVED <i>K. Katayama</i> '01.3.16	RELEASED
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Note QT: Qualification Test AT: Assurance Test x: Applicable Test

HS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO. DF23C-*DS-0.5V(51)	
CODE NO. (OLD) CL	DRAWING NO. E L C 4 - 1 6 3 5 4 3 - 0 1	CODE NO. C L 6 8 8 -		1 1	