

TO

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(NOTE 1)	STORAGE TEMPERATURE RANGE	-10°C TO 60 °C
	VOLTAGE	250 V AC	APPLICABLE CONNECTORS	DF1B-*DS-2.5R
	CURRENT	3 A		

SPECIFICATIONS				
ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×
MARKING	CONFIRMED VISUALLY.		×	×
ELECTRIC CHARACTERISTICS				
INSULATION RESISTANCE	500 V DC.	1000 MΩ MIN.	×	—
VOLTAGE PROOF	650 V AC FOR 1 min.	NO FLASH OVER OR BREAKDOWN.	×	—
MECHANICAL CHARACTERISTICS				
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75mm, — m/s ² AT 2 h, FOR 3 DIRECTIONS.	① NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	—
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.		×	—
ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 →5 TO 35→ 85 →5 TO 35 °C TIME 30 → 5 MAX → 30 →5 MAX min UNDER 5 CYCLES.	① INSULATION RESISTANCE:1000MΩ MIN. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.	① INSULATION RESISTANCE: 500 MΩ MIN ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS..	×	—

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT	M. Kuramashi	T. Kumagata	T. Miyazaki	T. Miyazaki	
Unless otherwise specified, refer to MIL-STD-1344.	03.07.16	03.07.17	03.07.17	03.07.17	

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

HRS	HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO.
			DF1BA- * DEP-2.5RC
CODE NO.(OLD)	DRAWING NO.	PEART NO	1/1
CL	ELC4— 160043-01	CL541	