

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE		-30 °C TO +85 °C(NOTE1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C
	VOLTAGE		250 V AC	APPLICABLE CONNECTORS	DF1B(A)-*(D)EP-2.5RC
	CURRENT		1 A	OPERATING HUMIDITY RANGE	UL1061, AWG28
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
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz).		30 mΩ MAX.	X -
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.		① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR 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 OR LOOSENESS OF PARTS.	X -
SHOCK ⚠		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			X -
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→5 TO 35→85→ 5 TO 35℃ TIME 30 → 10 →30→ 10 min UNDER 5 CYCLES.		① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X -
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.		① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X -
COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
⚠ 3	DIS-H-007346		MI. SAKIMURA	HK. UMEHARA	12. 10. 26
REMARKS NOTE1:INCLUDING THE TEMPERATURE RISING BY CURRENT. ⚠ (Delete)			APPROVED	TS. SAKATA	09. 02. 06
			CHECKED	TS. KUMAZAWA	09. 02. 06
			DESIGNED	TH. YOSHI ZAWA	09. 02. 06
			DRAWN	TH. YOSHI ZAWA	09. 02. 06
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-080522-01
	SPECIFICATION SHEET		PART NO.	DF1B-28PRF	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL541-0670-0-00	⚠ 1/1