

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C(NOTES 1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C
	VOLTAGE	250 V AC	APPLICABLE CONNECTOR	DF1E(A)-*EP-2.5C
	CURRENT	AWG22 TO 20: 3 A	APPLICABLE CABLE	UL1007, 1061: AWG22 TO 20

### SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
<b>CONSTRUCTION</b>				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.		X	X
<b>ELECTRIC CHARACTERISTICS</b>				
CONTACT RESISTANCE	20 mV MAX. 1 mA (DC OR 1000 Hz).	30 mΩ MAX.	X	—
<b>MECHANICAL CHARACTERISTICS</b>				
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 <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		X	—
<b>ENVIRONMENTAL CHARACTERISTICS</b>				
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 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.		X	—

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△				
REMARKS		APPROVED	TY.OMA	07.03.20
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT		CHECKED	HK.UMEHARA	07.03.20
Unless otherwise specified, refer to JIS C 5402.		DESIGNED	TS.FUKUSHIMA	07.03.19
		DRAWN	TS.FUKUSHIMA	07.03.19
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC4-161020-01	
<b>HRS</b>	SPECIFICATION SHEET	PART NO.	DF1E-2022PCF	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL541-0937-8-00	△ 1/