

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		AWG28 TO 24: 1 TO 3A	APPLICABLE CABLE	UL1007, 1061: AWG28 TO 24	
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		20 mV MAX. 1 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 °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
A						
REMARKS				APPROVED	TY.OMA	07.03.20
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT				CHECKED	HK.UMEHARA	07.03.20
				DESIGNED	TS.FUKUSHIMA	07.03.19
Unless otherwise specified, refer to JIS C 5402.				DRAWN	TS.FUKUSHIMA	07.03.19
Note	QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.		ELC4-161022-01	
HRS	SPECIFICATION SHEET		PART NO.	DF1E-2428PCF		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL541-0939-3-00		A 1/