

APPLICABLE STANDARD		SPECIFICATIONS			
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	
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
					
REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT Unless otherwise specified, refer to JIS C 5402.				APPROVED	TY.OMA
				CHECKED	HK.UMEHARA
				DESIGNED	TS.FUKUSHIMA
				DRAWN	TS.FUKUSHIMA
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.	
		SPECIFICATION SHEET	PART NO.	DF1E-2428PCF	
		HIROSE ELECTRIC CO., LTD.	CODE NO.	CL541-0939-3-00	 1/