

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85°C (NOTE1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60°C (NOTE3)	
	OPERATING HUMIDITY RANGE	40% TO 80% (NOTE2)	STORAGE HUMIDITY RANGE	40% TO 70% (NOTE3)	
	CURRENT	AWG#24 : 3 A	VOLTAGE	250 V AC	
		AWG#26 : 2 A	APPLICABLE CONNECTOR	DF3(AA)-*EP-2C	
	AWG#28 : 1 A	APPLICABLE CABLE	UL1061 AWG#24 TO AWG#28		
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 mΩMAX.	X	—
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION		30 TIMES INSERTION AND EXTRACTION.	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 2h, 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					
DAMP HEAT(STEADY STATE)		EXPOSED AT 40 ± 2°C , 90 TO 95 %, 96 h. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.)	① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→5~35→+85→5~35°C TIME 30n→5MAX→30→5MAXmin UNDER 5 CYCLES.		X	—
NOTE 1: INCLUDE THE TEMPERATURE RISING BY CURRENT. NOTE2:NO CONDENSING NOTE3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFOR PCB ON BOARD , AFTER PCB BOARD , OPERATING TEMPERATURE AND HUMIDITTY RANGE IS APPLIED FOR INTERIM STRAGE DURING TRANSPORTATION.					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
REMARKS			APPROVED	KI. AKIYAMA	11. 03. 25
			CHECKED	MN. KENJO	11. 03. 25
			DESIGNED	TH. YOSHI ZAWA	11. 03. 25
			DRAWN	TH. YOSHI ZAWA	11. 03. 25
Unless otherwise specified, refer to JIS C 5402.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC4-071343-01	
	SPECIFICATION SHEET		PART NO.	DF3-EP2428PCA	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL543-0150-2-00	1/1