

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-30°C TO + 85°C (NOTE 1)	STORAGE TEMPERATURE RANGE	-10°C TO + 60°C (NOTE 2)	
	OPERATING HUMIDITY RANGE	40% TO + 80%	STORAGE HUMIDITY RANGE	40% TO + 70% (NOTE 2)	
	VOLTAGE	250V AC	APPLICABLE CONNECTOR	DF3 (AA) -*EP-2C	
	CURRENT	24AWG 3A	APPLICABLE CABLE	UL1061 AWG24~28	
		26AWG 2A			
	28AWG 1A				
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	
MARKING		CONFIRMED VISUALLY.		☐	☐
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE		100mA (DC OR 1000 Hz).		30mΩ MAX.	☐ -
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION		30TIMES INSERTIONS AND EXTRACTIONS.		① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	☐ -
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	☐ -
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	☐ -
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→ 5 TO 35→+85→ 5 TO 35 °C TIME 30→ 2 TO 3 → 30→ 2 TO 3 min UNDER 5 CYCLES.		① CONTACT RESISTANCE: 30mΩ MAX. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	☐ -
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		① CONTACT RESISTANCE: 30mΩ MAX. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	☐ -
REMARKS					
NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT					
NOTE2:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD, AFTER PCB BOARD, OPERATINGTEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.					
Unless otherwise specifid , refer to MILL-JIS-1344.					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
			APPROVED	TY. OMA	06.12.18
			CHECKED	HK. UMEHARA	06.12.15
			DESIGNED	TT. OHSAKO	06.12.12
			DRAWN	TT. OHSAKO	06.12.12
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-020375-01
	SPECIFICATION SHEET		PART NO.	DF3-EP2428PC	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL0543-0063-0-00	 1/1