

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	QT	AT
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#### CONSTRUCTION

GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	<input type="radio"/>	<input type="radio"/>
MARKING	CONFIRMED VISUALLY.		<input type="radio"/>	<input type="radio"/>

#### ELECTRIC CHARACTERISTICS

CONTACT RESISTANCE	100mA (DC OR 1000 Hz).	30mΩ MAX.	<input type="radio"/>	<input type="radio"/>
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#### MECHANICAL CHARACTERISTICS

MECHANICAL OPERATION	30TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	<input type="radio"/>	<input type="radio"/>
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.	<input type="radio"/>	<input type="radio"/>
SHOCK	490 m/s <sup>2</sup> 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.	<input type="radio"/>	<input type="radio"/>

#### 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.	<input type="radio"/>	<input type="radio"/>
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.	<input type="radio"/>	<input type="radio"/>

#### 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

<b>HRS</b>	SPECIFICATION SHEET	PART NO.	DF3-EP2428PC	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL0543-0063-0-00	1/1