

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)
	VOLTAGE	AC 300 V		APPLICABLE CABLE	UL1015, 1007 AWG18 TO 22
	CURRENT	AWG18	5A		APPLICABLE CONTACT
AWG20		4A			
AWG22		3A			

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

INSULATION RESISTANCE	500 V DC.	1000 MΩ MIN.	<input type="radio"/>	<input type="checkbox"/>
VOLTAGE PROOF	1500V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	<input type="radio"/>	<input type="checkbox"/>

MECHANICAL CHARACTERISTICS

MECHANICAL OPERATION	TEST SHALL BE CARRIED IN THE MATED CONDITION WITH THE APPLICABLE CONNECTOR.	NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	<input type="radio"/>	<input type="checkbox"/>
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="checkbox"/>
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.	<input type="radio"/>	<input type="checkbox"/>

ENVIRONMENTAL CHARACTERISTICS

DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.	① INSULATION RESISTANCE: 1000MΩMIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	<input type="radio"/>	<input type="checkbox"/>
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→ 5TO35→ 85→ 5TO35 °C TIME 30 → 5 → 30 → 5 min UNDER 5 CYCLES.	① INSULATION RESISTANCE: 1000MΩ MIN ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	<input type="radio"/>	<input type="checkbox"/>

REMARKS

NOTE 1: INCLUDING THE TEMPERATURE RISE BY CURRENT.

NOTE 2:NO CONDENSING.

NOTE 3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTSBEFORE PCB ON BOARD,AFTER PCB BOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.

Unless otherwise specified, refer to JIS C 5402.

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△				
		APPROVED	TY. OMA	07. 04. 04
		CHECKED	HK. UMEHARA	07. 04. 04
		DESIGNED	TT. OHSAKO	07. 04. 03
		DRAWN	TT. OHSAKO	07. 04. 03
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.		ELC4-162281-01
HRS	SPECIFICATION SHEET	PART NO.	DF6-*P-3. 96C	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL546	△ 1/