

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-25°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 CABLE	AWG 26 TO 30 (ϕ 1.0 TO ϕ 1.35)
	CURRENT	AWG 26 : 2 A AWG 28 : 1 A AWG 30 : 0.5 A		

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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CONSTRUCTION

GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.		X	X

ELECTRIC CHARACTERISTICS

CONTACT RESISTANCE	1A (DC OR 1000 Hz).	10m Ω MAX.	X	-
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MECHANICAL CHARACTERISTICS

CONTACT INSERTION AND EXTRACTION FORCES	<input type="checkbox"/> 0.635 \pm 0.002 mm BY STEEL GAUGE.	INSERTION FORCE :4.4 N MAX. EXTRACTION FORCE :0.4 N MIN	X	-
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 20m Ω 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 μ s. 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.	① NO ELECTRICAL DISCONTINUITY OF 1 μ s. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-

ENVIRONMENTAL CHARACTERISTICS

RAPID CHANGE OF TEMPERATURE	TEMPERATURE -25 \rightarrow 5 TO 35 \rightarrow +85 \rightarrow 5 TO 35 °C TIME 30 \rightarrow 10 \rightarrow 30 \rightarrow 10 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 10m Ω MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 \pm 2 °C, 90 TO 95 %, 96 h.	① CONTACT RESISTANCE: 10m Ω MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
SULPHUR DIOXIDE	EXPOSED IN 5 %, 35°C, SALT WATER SPRAY FOR 48 h.	NO HAEAVY CORROSION.	X	-

REMARKS

NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT.

NOTE 2: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 INTERM STORAGE DURING TRANSPORTATION.

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
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Unless otherwise specifid , refer to JIS C 5402.

APPROVED	TY.OMA	06.08.07
CHECKED	HK.UMEHARA	06.08.05
DESIGNED	AH.MIYAZAKI	06.08.03
DRAWN	AH.MIYAZAKI	06.08.03

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO.

ELC4-008107-01

HRS

SPECIFICATION SHEET

PART NO.

HNC-2. 5S-D-B (15)

HIROSE ELECTRIC CO., LTD.

CODE NO.

CL218-0038-8-15

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