

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 22 TO 26	
	CURRENT	AWG 22~24 : 3 A AWG 26 : 2 A			
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		1A (DC OR 1000 Hz).	10mΩ MAX.	X	—
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCES		□0.635±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: 20mΩ 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 1μs. 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 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -25→ 5 TO 35→+85→ 5 TO 35 °C TIME 30→ 10 → 30→ 10 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 10mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.	① CONTACT RESISTANCE: 10mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
SULPHUR DIOXIDE		EXPOSED IN 5 %, 35°C, SALT WATER SPRAY FOR 48 h.	NO HAAEAVY 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
△					
Unless otherwise specifid , refer to JIS C 5402.			APPROVED	TS. SAKATA	07. 10. 09
			CHECKED	HK. UMEHARA	07. 10. 09
			DESIGNED	KT. ISHII	07. 10. 04
			DRAWN	KT. ISHII	07. 10. 04
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-007982-03
HRS	SPECIFICATION SHEET		PART NO.	HNC-2. 5S-C-A (15)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	△	1/1