

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-30°C TO +70°C	STORAGE TEMPERATURE RANGE	- °C TO - °C
	VOLTAGE	AC 125 V	CURRENT	0.5A

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

ELECTRICAL CHARACTERISTICS

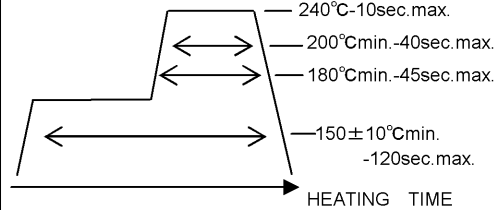
CONTACT RESISTANCE	100 mA MAX (DC OR 1000 Hz).	40 mΩ MAX. 1	X	—
INSULATION RESISTANCE	100 V DC.	250 MΩ MIN.	X	—
VOLTAGE PROOF	300 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	X

MECHANICAL CHARACTERISTICS

INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR. (WITHOUT LOCK.)	INSERTION FORCE 20 N MAX.	X	—
		WITHDRAWAL FORCE 2 N MIN.	X	—
MECHANICAL OPERATION	10000 TIMES INSERTIONS AND EXTRACTIONS.	1) CONTACT RESISTANCE : 60 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
VIBRATION	FREQUENCY 10 TO 55 Hz HALF AMPLITUDE 0.75 mm, ACCELERATION — m/s ² , AT 2 hours FOR 3 DIRECTIONS.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
SHOCK	ACCELERATION 490 m/s ² , DURATION OF PULSE 11 ms AT 3 TIMES FOR 6 DIRECTIONS.		X	—
LOCKING FORCE	BE TO COMBINE THE APPLICABLE CONNECTORS, TO PULL THE PLUG IN WITHDRAWAL DIRECTION WITH 50N.	1) NO WITHDRAWAL. 2) NO DAMAGE IN PORTION OF THE LOCK.	X	—

ENVIRONMENTAL CHARACTERISTICS

RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → -55 TO 35 → +85 → 5 TO 35 °C TIME 30 → 2 TO 3 → 30 → 2 TO 3 min. UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 60 °C, 90 TO 95 %RH, FOR 96 hours.	1) INSULATION RESISTANCE: 100 MΩ MIN. (AFTER DRY.) 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER , FOR 48 hours.	NO SPECTACULAR CORRODE.	X	—
SOLDERING CONDITION (REFLOW)	REFLOW TO THE REFLOW TEMPERATURE PROFILE IN THE FIGURE-1 FOR 2 TIMES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—



COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
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REMARK 1 WITHOUT BULK RESISTANCE.	APPROVED	A0. SUZUKI	06. 12. 14
	CHECKED	NF. MIYAZAKI	06. 12. 13
	DESIGNED	HS. KIKUCHI	06. 12. 13
	DRAWN	HS. KIKUCHI	06. 12. 13

Unless otherwise specified, refer to JIS C 5402.

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-120857-02
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HRS	SPECIFICATION SHEET	PART NO.	3260B-12S1 (55)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL232-0089-5-55	Δ 1/1