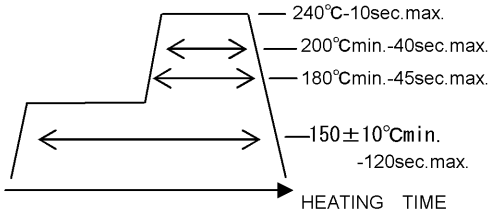
APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	−30°C TO +70°C	STORAGE TEMPERATURE RANGE	− °C TO − °C
	VOLTAGE	AC 125 V	CURRENT	0.5A

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.		X	X
ELECTRICAL CHARACTERISTICS				
CONTACT RESISTANCE	1 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 20N MAX.	X	—
		WITHDRAWAL FORCE 2 N MIN.	X	—
MECHANICAL OPERATION	3000 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.	1) NO ELECTRICAL DISCONTINUITY OF 5μs. 2) 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 40N.	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: 1 MΩ MIN. (AT HIGH HUMIDITY.) 2) INSULATION RESISTANCE: 100 MΩ MIN. (AFTER DRY.) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER , FOR 48 hours.	NO SPECTACULAR CORRODE.	X	—
SOLDERBILITY	TEMPERATURE : 235 ± 5 ℃ IMMERSIONAL TIME : 2 ± 0.5 sec.	SOLDERING POINT OF CONTACTS IMMERSION IN SOLDER 95% MIN.	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
△1					

REMARK

〈1〉 WITHOUT BULK RESISTANCE.

Unless otherwise specified, refer to JIS C 5402.

APPROVED	A0. SUZUKI	08. 03. 13
CHECKED	M0. SHIMOYAMA	08. 03. 13
DESIGNED	K0. KAWAMURA	08. 03. 13
DRAWN	K0. KAWAMURA	08. 03. 13

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

DRAWING NO. ELC4-120858-03

HRS	SPECIFICATION SHEET	PART NO.	3260B-12S3(55)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL232-0090-4-55	△1 1/

FORM HD0011-2-1