

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-25°C TO +75°C	STORAGE TEMPERATURE RANGE	-40°C TO +85°C
	VOLTAGE	DC 100V	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	10 mA MAX (DC OR 1000 Hz).	50 mΩ MAX.	X	—
INSULATION RESISTANCE	100 V DC.	100 MΩ MIN.	X	—
VOLTAGE PROOF	250 V AC FOR 60 sec.	NO FLASHOVER OR BREAKDOWN.	X	X

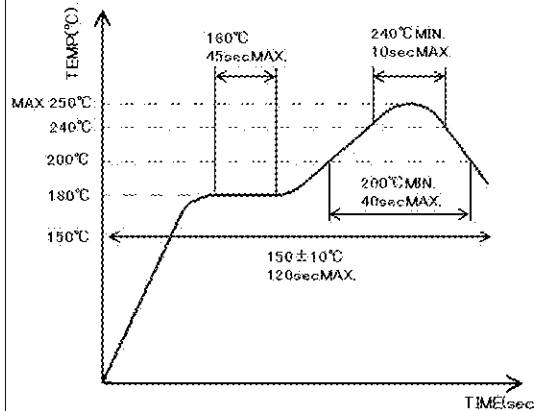
MECHANICAL CHARACTERISTICS

INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE 15.68 N MAX.	X	—
		EXTRACTION FORCE 1.568 N MIN.	X	—
MECHANICAL OPERATION	10000 TIMES INSERTIONS AND EXTRACTIONS.	1) CONTACT RESISTANCE : 75 mΩMAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
VIBRATION	FREQUENCY 10 TO 55 Hz SINGLE 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 11 ms AT 6 TIMES FOR 3 DIRECTIONS.		X	—
LATCH STRENGTH	PULL THE APPLICABLE CONNECTOR TO MATING OPPOSITE DIRECTION. PULL FORCE : 49N		X	—
CONTACT PRESS-FITTING STRENGTH	PULL THE CONTACT TO PRESS-FITTING OPPOSITE DIRECTION. PULL FORCE : 4.9N	NO DROP OUT OF THE CONTACT.	X	—

ENVIRONMENTAL CHARACTERISTICS

RAPID CHANGE OF TEMPERATURE	TEMPERATURE -40 → 5TO35 → +85 → 5TO35 °C TIME 30 → 2TO3 → 30 → 2TO3 min. UNDER 5 CYCLES.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 °C, 90TO95 %RH FOR 240 HOURS .	1) INSULATION RESISTANCE: 10 MΩ MIN. (AFTER DRY.) 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER FOR 48 ± 4 HOURS.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—

HRS RECOMMENDED REFLOW TEMPERATURE PROFILE.



COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
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REMARK	APPROVED	AO.SUZUKI	06.11.09
	CHECKED	NF.MIYAZAKI	06.11.09
	DESIGNED	HS.KIKUCHI	06.11.09
	DRAWN	HS.KIKUCHI	06.11.09

Unless otherwise specified, refer to JIS C 5402.

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-120907-02
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HRS	SPECIFICATION SHEET	PART NO.	3260N-16SR (55)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL232-0094-5-55	Δ 1/1