

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-25 °C TO 60 °C	STORAGE TEMPERATURE RANGE	°C TO °C
	VOLTAGE	125 V AC	CURRENT	500 mA

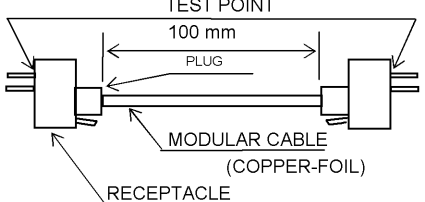
### SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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#### CONSTRUCTION

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

#### ELECTRIC CHARACTERISTICS

CONTACT RESISTANCE	100 mA (DC OR 1000 Hz AC). MEASUREMENT POINTS SHALL BE AS FOLLOWS.  (ONE EXAMPLE CONNECTOR CONFIGURATION IS SHOWN.)	230 mΩ MAX.	×	×
INSULATION RESISTANCE	100 V DC.	100 MΩ MIN.	×	×
VOLTAGE PROOF	500 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	×	×

#### MECHANICAL CHARACTERISTICS

MECHANICAL OPERATION	200 TIMES INSERTIONS AND EXTRACTATIONS.	1) CONTACT RESISTANCE: 250 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	-
VIBRATION	FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, - m/s <sup>2</sup> AT 2 h, FOR 3 DIRECTION.	1) NO ELECTRICAL DISCONTINUITY OF 5μs. 2) CONTACT RESISTANCE: 250 mΩ MAX. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	-
SHOCK	490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		×	-

#### ENVIRONMENTAL CHARACTERISTICS


DAMP HEAT, CYCLIC	EXPOSED AT 40 °C, 90 TO 95 %, 500 h.	1) CONTACT RESISTANCE: 250 mΩ MAX. 2) INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) 10 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5 TO 35 → 85 → 5 TO 35 °C TIME 30 → 10 TO 15 → 30 → 10 TO 15 min UNDER 5 CYCLES.	1) CONTACT RESISTANCE: 250 mΩ MAX. 2) INSULATION RESISTANCE: 100 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	×	-
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	1) CONTACT RESISTANCE: 250 mΩ MAX. 2) NO HEAVY CORROSION.	×	-

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
0				

REMARK	APPROVED	YH. ENAMI	08.06.11
	CHECKED	HO. MIWA	08.06.11
	DESIGNED	KI. NAGANUMA	08.06.10
	DRAWN	KI. NAGANUMA	08.06.10

Unless otherwise specified, refer to JIS C 5402.

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-120682-02
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<b>HRS</b>	SPECIFICATION SHEET	PART NO.	TM11APA1-88P
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL222-2783-4-00  1/1