

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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△					△				

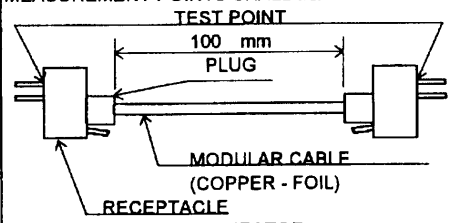
APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-25 °C TO 80 °C	STORAGE TEMPERATURE RANGE	— °C TO — °C
	VOLTAGE	125 V AC	CURRENT	500 mA

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	<input type="checkbox"/>	<input type="checkbox"/>
MARKING	CONFIRMED VISUALLY.		<input type="checkbox"/>	<input type="checkbox"/>

ELECTRIC CHARACTERISTICS

CONTACT RESISTANCE	100 mA DC (OR 1000 Hz AC). MEASUREMENT POINTS SHALL BE AS FOLLOWS. 	200 mΩ MAX.	<input type="checkbox"/>	<input type="checkbox"/>
INSULATION RESISTANCE	100 V DC.	100 MΩ MIN.	<input type="checkbox"/>	<input type="checkbox"/>
VOLTAGE PROOF	500 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	<input type="checkbox"/>	<input type="checkbox"/>

MECHANICAL CHARACTERISTICS

MECHANICAL OPERATION	200 TIMES INSERTIONS AND EXTRactions.	① CONTACT RESISTANCE: 220 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	<input type="checkbox"/>	<input type="checkbox"/>
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, — m/s ² AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 5 μs. ② CONTACT RESISTANCE: 220 mΩ MAX.	<input type="checkbox"/>	<input type="checkbox"/>
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.	③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	<input type="checkbox"/>	<input type="checkbox"/>

ENVIRONMENTAL CHARACTERISTICS

DAMP HEAT (STEADY STATE)	EXPOSED AT 40 °C, 90 TO 95 %, 500 h.	① CONTACT RESISTANCE: 220 mΩ MAX. ② INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) ③ INSULATION RESISTANCE: 10 MΩ MIN. (AT DRY) ④ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	<input type="checkbox"/>	<input type="checkbox"/>
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55±3 → 5 TO 35 → 85±2 → 5 TO 35°C TIME 30 TO 35→5 MAX→30 TO 35→5 MAX min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 220 mΩ MAX. ② INSULATION RESISTANCE: 100 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	<input type="checkbox"/>	<input type="checkbox"/>
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	① CONTACT RESISTANCE: 220 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	<input type="checkbox"/>	<input type="checkbox"/>
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, 260±5 °C FOR IMMERSION, DURATION, 5±1 s. (WHEN USING FLOW SOLDER)	NO DEFORMATION OF CASE AND EXCESSIVE LOOSENESS OF THE TERMINALS.	<input type="checkbox"/>	<input type="checkbox"/>


REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	<p style="text-align: center;">FOR REFERENCE ONLY</p> <p style="text-align: center;">Subject to change without notice</p> <p>Unless otherwise specified, refer to JIS C-5402.</p>				
Note QT:Qualification Test AT:Assurance Test O:Applicable Test		18.12	12.12	98.7.9	98.7.9

HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. TM5RJ1-66
CODE NO.(OLD) CL	DRAWING NO. ELC4-023898	CODE NO. CL222-1245-7
		1/2



SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
SOLDRABILITY	SOLDERED AT SOLDER TEMPERATURE, 235±5 °C FOR IMMERSION, DURATION, 2±0.5 s. (WHEN USING FLOW SOLDER)	NO DEFORMATION IN APPEARANCE OR SOLDERLESS ON CONTACT SURFACE ETC.	○	—

REMARKS <p style="text-align: center;">FOR REFERENCE ONLY</p> <p style="text-align: center;">Subject to change without notice Unless otherwise specified, refer to JIS C 5402.</p>	DRAWN <i>H. Watanabe</i> 11.1.98	DESIGNED <i>H. Watanabe</i> 8.1.98	CHECKED <i>T. Watanabe</i> 98.7.9	APPROVED <i>[Signature]</i> 98.7.9	RELEASED 
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Note QT:Qualification Test AT:Assurance Test O:Applicable Test		
HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. TM5RJ1-66
CODE NO.(OLD) CL	DRAWING NO. ELC4-023898	CODE NO. CL222-1245-7
		2/2

TO
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USA



