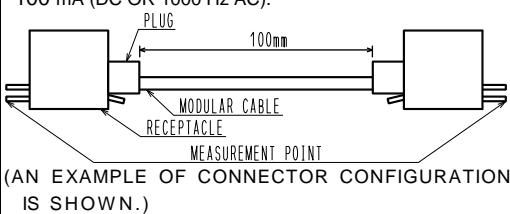


APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	1 \triangleright -55 °C TO +85 °C \triangle		STORAGE TEMPERATURE RANGE	-25 °C TO +60 °C
	VOLTAGE	125 V AC		OPERATING HUMIDITY RANGE	95 % MAX
	CURRENT	500 mA		APPLICABLE CABLE	—
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	QT AT
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X X
MARKING		CONFIRMED VISUALLY.			X X
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz AC).  (AN EXAMPLE OF CONNECTOR CONFIGURATION IS SHOWN.)		200 mΩ MAX.	X X
INSULATION RESISTANCE		100 V DC.		100 MΩ MIN.	X X
VOLTAGE PROOF		500 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.	X X
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION		200 TIMES INSERTIONS AND EXTRACTIONS.		① CONTACT RESISTANCE : 220 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X —
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 10 CYCLES.		① NO ELECTRICAL DISCONTINUITY OF 5 μs. ② CONTACT RESISTANCE : 220 mΩ MAX.	X —
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X —
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT, CYCLIC		EXPOSED AT +40 °C, 90 TO 95 %, 500 h		① CONTACT RESISTANCE : 220 mΩ MAX. ② INSULATION RESISTANCE : 1 MΩ MIN. (AT HIGH HUMIDITY) 10 MΩ MIN. (AT DRY) ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X —
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 INSULATION RESISTANCE : 100 MΩ MIN. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X —
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		① CONTACT RESISTANCE : 220 mΩ MAX. ② NO HEAVY CORROSION.	X —
RESISTANCE TO SOLDERING HEAT		SOLDER TEMPERATURE, 260 ± 5 °C FOR IMMERSION, DURATION 10 ± 1 S.		NO DEFORMATION OF CASE AND EXCESSIVE LOOSENESS OF THE TERMINALS.	X —
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, 245 ± 2 °C FOR IMMERSION, DURATION 3 ± 1 S.		MIN. 95 % OF SOLDER IMMersed AREA SHALL BE COVERED NEW SOLDER COATING.	X —
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
\triangle	2	DIS-E-00002716	TS. ITO	TU. TANIGUCHI	20191127
REMARK			APPROVED	YH. ENAMI	20100224
1 \triangleright ① THE PRODUCT PERFORMANCE IS GUARANTEED ONLY IN THE TEMPERATURE ADEQUATE TO PEOPLE'S ACTIVITIES. ② THE OPERATION TEMPERATURE INCLUDES THE RISE BY CURRENT CARRYING.			CHECKED	HO. MIWA	20100224
			DESIGNED	HN. ANDO	20100223
Unless otherwise specified, refer to IEC 60512. \triangle			DRAWN	HN. ANDO	20100223
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-023182-50-01
HRS	SPECIFICATION SHEET		PART NO.	TM5RJ-66 (50)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-1092-8-50	\triangle 1/1