

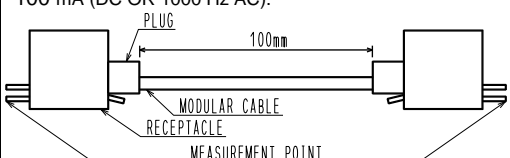






APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	 -55 °C TO +85 °C 	STORAGE TEMPERATURE RANGE	-25 °C TO +60 °C	
	VOLTAGE	125 V AC	OPERATING HUMIDITY RANGE	95 % MAX	
	CURRENT	500 mA	APPLICABLE CABLE	-	
SPECIFICATIONS					
ITEM	TEST METHOD		REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL EXAMINATION	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
	2	DIS-E-00002716	TS. ITO	TU. TANIGUCHI	20191127
REMARK			APPROVED	YH. ENAMI	20100224
 ① THE PRODUCT PERFORMANCE IS GUARANTEED ONLY IN THE TEMPERATURE ADEQUATE TO PEOPLE'S ACTIVITIES.			CHECKED	HO. MIWA	20100224
② THE OPERATION TEMPERATURE INCLUDES THE RISE BY CURRENT CARRYING			DESIGNED	HN. ANDO	20100223
Unless otherwise specified, refer to IEC 60512. 			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	 1/1