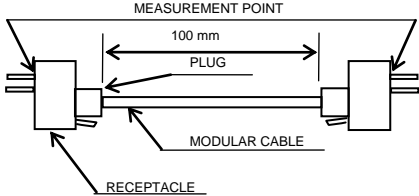


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APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C <sup>△</sup>	STORAGE TEMPERATURE RANGE	-25 °C TO 60 °C <sup>△</sup>	
	VOLTAGE	125 V AC	OPERATING HUMIDITY RANGE	% TO %	
	CURRENT	0.5 A	APPLICABLE CABLE		
SPECIFICATIONS					
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).  (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, — m/s <sup>2</sup> AT 2 HOURS FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 5 μs. ② CONTACT RESISTANCE: 220 mΩ MAX.	X	-
SHOCK	490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 °C, 90 ~ 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 → 5 ~ 35 → 85 → 5 ~ 35 °C TIME 30 ~ 35 → 5 MAX → 30 ~ 35 → 5 min UNDER 5 CYCLES.		① CONTACT RESISTANCE: 220 mΩ MAX. ② INSULATION RESISTANCE: 100 MΩ MIN. ③ 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
<sup>△</sup>	3	DIS-E-00002716	TS. ITO	TU. TANIGUCHI	20191127
REMARK			APPROVED	HO. MIWA	20051114
			CHECKED	HO. MIWA	20051114
			DESIGNED	TR. WATANABE	20051114
			DRAWN	TR. WATANABE	20051114
Unless otherwise specified, refer to IEC 60512. <sup>△</sup>					
Note	QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC-025788-50-01	
<b>HRS</b>	SPECIFICATION SHEET		PART NO.	TM5RJ1-4848 (50)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-1366-1-50	<sup>△</sup> 1/1