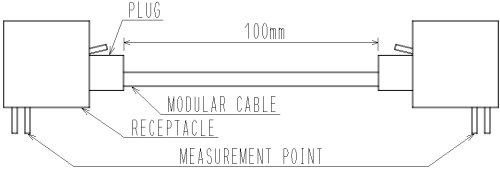



APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	1 \rightarrow -25 °C TO +80 °C	STORAGE TEMPERATURE RANGE	-25 °C TO +60 °C	
	VOLTAGE	125 V AC	OPERATING HUMIDITY RANGE	95 % MAX	
	CURRENT	500 mA	APPLICABLE CABLE	—	
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	QT AT
CONSTRUCTION					
GENERAL 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).		200 mΩ MAX.	X X
		 <p>(AN EXAMPLE CONNECTOR CONFIGURATIONS SHOWN.)</p>			
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 5min/CYCLES AT 10 CYCLES.		① NO ELECTRICAL DISCONTINUITY OF 5 μs. ② CONTACT RESISTANCE : 220 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X —
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 5 μs. ② CONTACT RESISTANCE : 220 mΩ MAX. 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 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
△					
REMARK			APPROVED	RI. TAKAYASU	10.08.19
1 \rightarrow THE OPERATION TEMPERATURE INCLUDES THE RISE BY CURRENT CARRYING.			CHECKED	YH. ENAMI	10.08.19
			DESIGNED	KI. NAGANUMA	10.08.19
			DRAWN	KK. TOKUNAGA	10.08.19
Unless otherwise specified, refer to JIS C 5402.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-026376-01
		SPECIFICATION SHEET		PART NO. TM5RJ2-44 (50)	
		HIROSE ELECTRIC CO., LTD.		CODE NO. CL222-1459-0-50	
				△	1/1