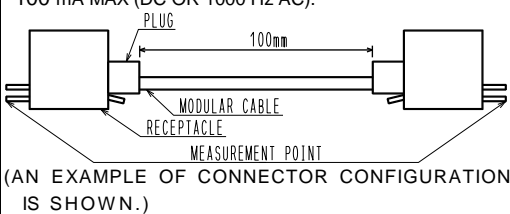


APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	① -55 °C TO +85 °C ②		STORAGE TEMPERATURE RANGE	-25 °C TO +60 °C
	VOLTAGE	125 V AC		OPERATING HUMIDITY RANGE	95 % MAX
	CURRENT	500 mA		APPLICABLE CABLE	—
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	QT AT
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X X
MARKING		CONFIRMED VISUALLY.			X X
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE		100 mA MAX (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 5μs. ② CONTACT RESISTANCE: 220 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X —
SHOCK		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			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 TIME 30 → 5 MAX → 30 → 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
①	2	DIS-E-00002708	TS. ITO	TU. TANIGUCHI	20191127
REMARK ① THE PRODUCT PERFORMANCE IS GUARANTEED ONLY IN THE TEMPERATURE ADEQUATE TO PEOPLE'S ACTIVITIES. ② THE OPERATION TEMPERATURE INCLUDES THE RYSE BY CURRENT CARRYING			APPROVED	HO. MIWA	20050105
			CHECKED	TH. KAMEYA	20050105
			DESIGNED	SS. SATOH	20050105
Unless otherwise specified, refer to IEC 60512. ①			DRAWN	SS. SATOH	20050105
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-021609-50-01
HRS	SPECIFICATION SHEET		PART NO.	TM3RA-62 (50)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-0567-8-50	① 1/1