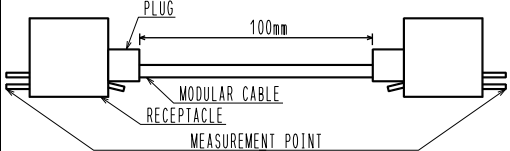





APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	<div><div>1</div><div>-55 °C TO +85 °C</div><div>2</div></div>	STORAGE TEMPERATURE RANGE	-25°C TO +60°C	
	VOLTAGE	125 V AC	OPERATING HUMIDITY RANGE	95 % MAX	
	CURRENT	500 mA	APPLICABLE CABLE	—	
SPECIFICATIONS					
ITEM		TEST METHOD	REQUIREMENTS	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. ③ NO ELECTRICAL DISCONTINUITY OF 5 μs. ④ CONTACT RESISTANCE: 220 mΩ MAX. ⑤ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	—
VIBRATION		FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, AT 10 CYCLES.		X	—
SHOCK		490 m/s ² 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.		X	—
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.		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-00002708	TS. ITO	TU. TANIGUCHI	20191127
REMARK			APPROVED	HO. MIWA	20050105
<div><div>1</div><div>①THE PRODUCT PERFORMANCE IS GUARANTEED ONLY IN THE TEMPERATURE ADEQUATE TO PEOPLE'S ACTIVITIES.</div></div>			CHECKED	TH. KAMEYA	20050105
②THE OPERATION TEMPERATURE INCLUDES THE RYSE BY CURRENT CARRYING			DESIGNED	SS. SATOH	20050105
Unless otherwise specified, refer to IEC 60512. 			DRAWN	SS. SATOH	20050105
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-021238-50-01
		SPECIFICATION SHEET	PART NO.	TM3RA-44 (50)	
HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-0521-7-50		1/1