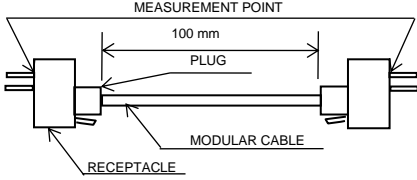


APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE	-55°C TO 85°C \triangle	STORAGE TEMPERATURE RANGE	-25°C TO 60°C \triangle		
	VOLTAGE	125 V AC	CURRENT	0.5 A		
SPECIFICATIONS						
ITEM		TEST METHOD		REQUIREMENTS	QT	AT
CONSTRUCTION						
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X	X
MARKING		CONFIRMED VISUALLY.			X	X
ELECTRIC CHARACTERISTICS						
CONTACT RESISTANCE	100 mA MAX (DC OR 1000 Hz AC). 			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 5 min. / CYCLE, 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 ² DURATION OF PULSE 11 ms AT 3 TIMES IN 3 BOTH AXIAL DIRECTIONS.				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±3→5~35→85±2→5~35 °C TIME 30 to 35 →5MAX→ 30 to 35 →5MAX 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.			95 %MIN. OF SOLDER IMMersed AREA SHALL BE COVERED NEW SOLDER COATING.	X	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
\triangle	2	DIS-E-00002716	TS. ITO	TU. TANIGUCHI	20191127	
REMARK			APPROVED	RI. TAKAYASU	20180611	
			CHECKED	AH. KODAMA	20180611	
			DESIGNED	TS. ITO	20180611	
			DRAWN	TS. ITO	20180611	
Unless otherwise specified, refer to IEC 60512.						
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-022569-50-00	
HRS	SPECIFICATION SHEET		PART NO.	TM2REA-1806 (50)		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-0801-3-50	\triangle	1/1