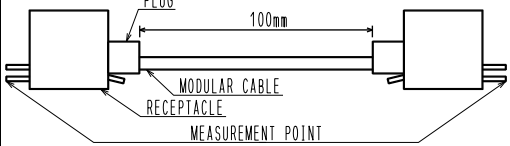


APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-55°C TO 85°C \triangle	STORAGE TEMPERATURE RANGE	-25°C TO 60°C(95%RH MAX) \triangle	
	VOLTAGE	125 V AC	CURRENT	0.5 A	
SPECIFICATIONS					
ITEM	TEST METHOD		REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.			X	X
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	100 mA MAX (DC OR 1000 Hz). 		200 mΩ MAX.	X	X
INSULATION RESISTANCE	100 V DC.		100 MΩ MIN.	X	X
VOLTAGE PROOF	500 V AC FOR 1 min.CURRENT LEAKAGE 2mA MAX.		NO FLASHOVER OR BREAKDOWN.	X	X
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION	200 TIMES INSERTIONS AND EXTRACTIONS.		①CONTACT RESISTANCE: 220 mΩ MAX. ②NO DAMAGE, CRACK AND LOOSENESS,OF PARTS.	X	—
VIBRATION	FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, - m/s ² AT 10 CYCLES FOR 3 DIRECTIONS.		①NO ELECTRICAL DISCONTINUITY OF 5 μs. ②CONTACT RESISTANCE: 220 mΩ MAX.	X	—
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		③NO DAMAGE, CRACK AND LOOSENESS,OF PARTS.	X	—
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 °C, 90 TO 95 %, 500h.		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. (WHEN USING FLOW SOLDER)		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. (WHEN USING FLOW SOLDER)		MIN. 95 % OF SOLDER IMMersed AREA SHALL BE COVERED NEW SOLDER COATING.	X	—
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
\triangle	3	DIS-E-00002923	KIM JAEHYEON	TU. TANIGUCHI	20200312
REMARK Unless otherwise specified, refer to IEC 60512. \triangle			APPROVED	YH. ENAMI	20080610
			CHECKED	HO. MIWA	20080610
			DESIGNED	HK. TANAKA	20080610
			DRAWN	HK. TANAKA	20080610
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-041198-50-02
HRS	SPECIFICATION SHEET		PART NO.	TM11R-5C-66 (50)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-2148-6-50	\triangle 1/1