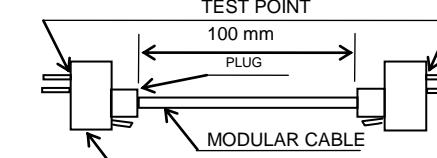
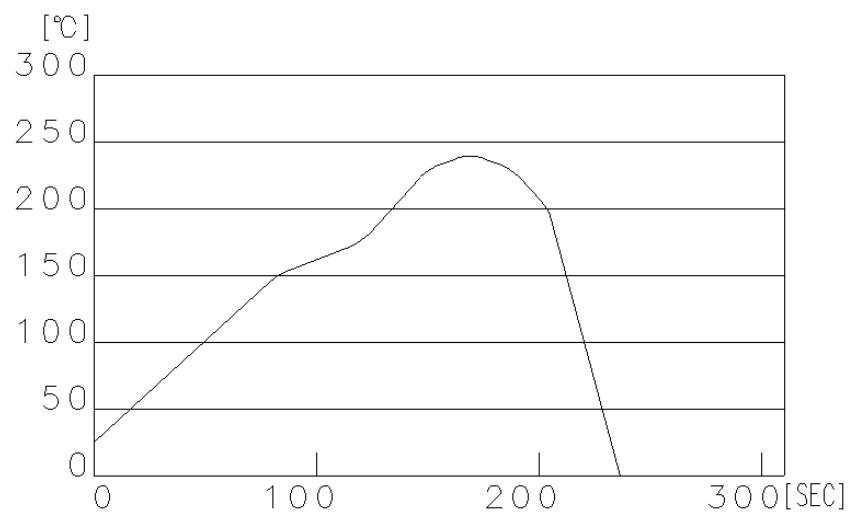


APPLICABLE STANDARD		SPECIFICATIONS					
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO 85 °C 	STORAGE TEMPERATURE RANGE	-25 °C TO 60 °C 			
	VOLTAGE	AC 125 V	CURENT	0.5 A			
CONSTRUCTION							
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	<input type="radio"/>	<input type="radio"/>		
MARKING	CONFIRMED VISUALLY.			<input type="radio"/>	<input type="radio"/>		
ELECTRIC CHARACTERISTICS							
CONTACT RESISTANCE	100 mA DC (OR 1000 Hz AC). MEASUREMENT POINTS SHALL BE AS FOLLOWS.  (ONE EXAMPLE CONNECTOR CONFIGURATION IS SHOWN.)			230 mΩ MAX.	<input type="radio"/>	<input type="radio"/>	
INSULATION RESISTANCE	100 V DC.			100 MΩ MIN.	<input type="radio"/>	<input type="radio"/>	
VOLTAGE PROOF	500 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.	<input type="radio"/>	<input type="radio"/>	
MECHANICAL CHARACTERISTICS							
MECHANICAL OPERATION	200 TIMES INSERTIONS AND EXTRACTIONS.			1) CONTACT RESISTANCE: 250 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	<input type="radio"/>	-	
VIBRATION	FREQUENCY 10 TO 55 Hz SINGLE AMPLITUDE 0.75 mm, - m/s ² AT 2 h, FOR 3 DIRECTIONS.			1) NO ELECTRICAL DISCONTINUITY OF 5μs. 2) CONTACT RESISTANCE: 250 mΩ MAX. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	<input type="radio"/>	-	
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				<input type="radio"/>	-	
ENVIRONMENTAL CHARACTERISTICS							
DAMP HEAT,CYCLIC	EXPOSED AT +40 °C, 90 TO 95 %, 500 h.			1) CONTACT RESISTANCE: 250 mΩ MAX. 2) INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) 10 MΩ MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	<input type="radio"/>	-	
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 min MAX UNDER 5 CYCLES.			1) CONTACT RESISTANCE: 250 mΩ MAX. 2) INSULATION RESISTANCE: 100 MΩ MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PART	<input type="radio"/>	-	
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.			1) CONTACT RESISTANCE: 250 mΩ MAX. 2) NO HEAVY CORROSION.	<input type="radio"/>	-	
RESISTANCE TO SOLDERING IRON HEAT	SOLDERRING IRON TEMPERATURE, 350 ± 10°C SOLDERRING TEMPERATURE 4 s MAX.						
COUNT		DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE		
	2	DIS-E-00002217	TS. ITO	TU. TANIGUCHI	20190425		
REMARK				APPROVED	HO. MIWA		
				CHECKED	YH. ENAMI		
				DESIGNED	TU. TANIGUCHI		
Unless otherwise specified, refer to JIS C 5402.				DRAWN	MT. ITANO		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-122138-01		
	SPECIFICATION SHEET		PART NO.	TM18R-T0-88 (50)			
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-2883-9-50	 1/2		

REFLOW CONDITION



TEMPERATURE RANGE	TIME
150 TO 180	60 SEC
200 MIN	55 SEC
220MIN	40 SEC
230MIN	30 SEC
235 MIN	20 SEC
240	MOMENT

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-122138-01	
SPECIFICATION SHEET		PART NO.	TM18R-T0-88 (50)
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL222-2883-9-50