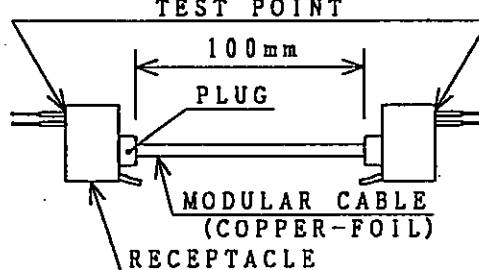


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 In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	
△					△					
△					△					
APPLICABLE STANDARD										
RATING	OPERATING TEMPERATURE RANGE	-25 °C TO 60 °C			STORAGE TEMPERATURE RANGE	°C TO °C				
	VOLTAGE	125 V AC, MAXIMUM OPERATING VOLTAGE 150 V			CURRENT	500 mA				
SPECIFICATIONS										
ITEM	TEST METHOD				REQUIREMENTS				QT	AT
CONSTRUCTION										
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				○	○
MARKING	CONFIRMED VISUALLY.								○	○
ELECTRICAL CHARACTERISTICS										
CONTACT RESISTANCE	MEASURE AT 100 mA DC (DC OR 1000 Hz AC) MEASUREMENT POINTS SHALL BE AS FOLLOWS. TEST POINT 				200 mΩ MAX.				○	○
INSULATION RESISTANCE	100 V DC				100 MΩ MIN.				○	○
VOLTAGE PROOF	500 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				○	○
CONTINUITY	100 mA DC				MUST BE CONTINUOUS.				○	○
MECHANICAL CHARACTERISTICS										
MECHANICAL OPERATION	200 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 220 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS				○	-
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 5 μs. ② CONTACT RESISTANCE: 220 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				○	-
SHOCK	490 m/s ² , DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.				① NO ELECTRICAL DISCONTINUITY OF 5 μs. ② CONTACT RESISTANCE: 220 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				○	-
ENVIRONMENTAL CHARACTERISTICS										
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 °C, 90 TO 95 % RH, 500 h.				① CONTACT RESISTANCE: 220 mΩ MAX. ② INSULATION RESISTANCE: 1 MΩ MIN. (AT HIGH HUMIDITY) ③ INSULATION RESISTANCE: 10 MΩ MIN. (AT DRY) ④ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				○	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55±3-5 TO 35-85±2-5 TO 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.				○	-
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.				① CONTACT RESISTANCE: 220 mΩ MAX. ② NO HEAVY CORROSION.				○	-
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
UNLESS OTHERWISE SPECIFIED, REFER TO JIS C 5402.					<i>T. Watanabe</i>	<i>T. Watanabe</i>	<i>H. Miura</i>	<i>S. Saito</i>		
					'95.9.5	'95.9.5	95.9.5	95.9.5		
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST ○: APPLICABLE TEST										
HRS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET			PART NO. TM3P-66P		
CODE NO. (OLD) CL - - -			DRAWING NO. ELC4-009973			CODE NO. CL222-0209-8-			1/1	

