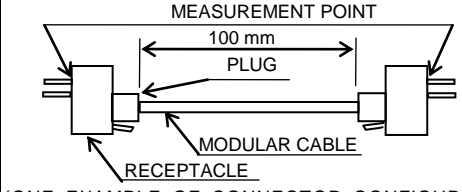


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	① -25 °C TO +60 °C	STORAGE TEMPERATURE RANGE -25 °C TO +60 °C <sup>△</sup>		
	VOLTAGE	125 V AC	CURRENT 500 mA		
<b>SPECIFICATIONS</b>					
ITEM	TEST METHOD	REQUIREMENTS	QT AT		
<b>CONSTRUCTION</b>					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X X		
MARKING	CONFIRMED VISUALLY.		X X		
<b>ELECTRIC CHARACTERISTICS</b>					
CONTACT RESISTANCE	100 mA MAX (DC OR 1000 Hz).  (ONE 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		
<b>MECHANICAL CHARACTERISTICS</b>					
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 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.	X -		
SHOCK	490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		X -		
<b>ENVIRONMENTAL CHARACTERISTICS</b>					
DAMP HEAT,CYCLIC	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 30~35 → 5MAX → 30~35 → 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 -		
<p>① THE PRODUCT PERFORMANCE IS GUARANTEED ONLY IN THE TEMPERATURE ADEQUATE TO PEOPLE'S ACTIVITIES.</p> <p>② THE OPERATION TEMPERATURE INCLUDES THE RISE BY CURRENT CARRYING.</p>					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
<sup>△</sup>	2	DIS-E-00002923	KIM JAEHYEON	TU. TANIGUCHI	20200312
REMARK			APPROVED	HO. MIWA	20070929
			CHECKED	HO. MIWA	20070929
			DESIGNED	TS. ITO	20070929
			DRAWN	TS. ITO	20070929
Unless otherwise specified, refer to IEC 60512. <sup>△</sup>					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-041197-53-06
<b>HRS</b>	SPECIFICATION SHEET		PART NO.	TM11P-66P (53)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-2149-9-53	<sup>△</sup> 1/1