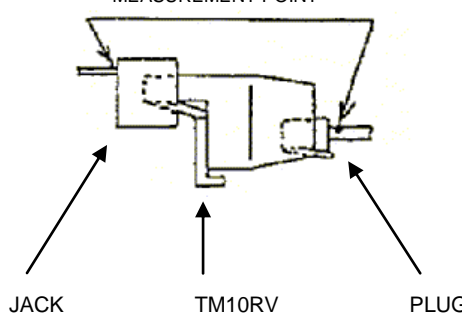


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-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). $\boxed{1}$	100 m Ω MAX.	X	X	
INSULATION RESISTANCE	100 V DC.	100 M Ω MIN.	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: 120 m Ω MAX. 2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-	
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 μ s. 2) CONTACT RESISTANCE: 120 m Ω MAX. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-	
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		X	-	
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 \rightarrow 5 \sim 35 \rightarrow 85 \rightarrow 5 \sim 35 °C TIME 30 \rightarrow 5MAX \rightarrow 30 \rightarrow 5MAX min UNDER 5 CYCLES.	1) CONTACT RESISTANCE: 120 m Ω MAX. 2) INSULATION RESISTANCE: 100 M Ω MIN. 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-	
DAMP HEAT,CYCLIC	EXPOSED AT +40°C, 90 \sim 95 %, 500 h	1) CONTACT RESISTANCE: 120 m Ω MAX. 2) INSULATION RESISTANCE: 1 M Ω MIN. (AT HIGH HUMIDITY) 10 M Ω MIN. (AT DRY) 3) NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	X	-	
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	1) CONTACT RESISTANCE: 120 m Ω MAX. 2) NO HEAVY CORROSION.	X	-	
$\boxed{1}$ CONTACT RESISTANCE MEASUREMENT POINT 					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
\triangle	3	DIS-E-00002932	KIM JAEHYEON	TU. TANIGUCHI	20200403
REMARK			APPROVED	HO. MIWA	20070804
			CHECKED	SJ. SHIMIZU	20070804
			DESIGNED	TS. ITO	20070804
Unless otherwise specified, refer to IEC 60512. \triangle			DRAWN	YK. SATO	20070803
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-121278-50-01
HRS	SPECIFICATION SHEET		PART NO.	TM10RV-66PR6666 (50)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL222-2844-7-50	\triangle 1/1