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 In case that the application demands a high level of reliability, such as automotive,  
 please contact a company representative for further information.

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-55 °C TO +85 °C <sup>(1)</sup>	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C <sup>(2)</sup>
	VOLTAGE	200 V AC	OPERATING HUMIDITY RANGE	40 % TO 80 %
	CURRENT	1 A	APPLICABLE CABLE (AWG SIZE)	AWG28
			APPLICABLE CABLE (OUTER DIAMETER)	φ0.8 TO 1.0 mm
SPECIFICATIONS				
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 (DC or 1000 Hz).	15 mΩ MAX.	x	-
INSULATION RESISTANCE	500 V DC.	1000 MΩ MIN.	x	-
VOLTAGE PROOF	650 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	x	-
<b>MECHANICAL CHARACTERISTICS</b>				
VIBRATION	FREQUENCY 10 TO 55 Hz, AMPLITUDE : 1.5 mm, AT 2 h FOR 3 DIRECTION.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② 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 (STEADY STATE)	EXPOSED AT 40±2 °C, 90 ~ 95 %, 96 h.	① CONTACT RESISTANCE: 15 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	x	-
RAPID CHANGE OF TEMPERATURE	TEMPERATURE-65→+5~+35→+125→+5~+35°C TIME 30 → 10~15 → 30 → 10~15 min UNDER 5 CYCLES.		x	-
CORROSION SALT MIST	EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	① CONTACT RESISTANCE: 15 mΩ MAX. ② NO HEAVY CORROSION.	x	-
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△0				
REMARK <sup>(1)</sup> TEMPERATURE RISE INCLUDED WHEN ENERGIZED. <sup>(2)</sup> THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED.		APPROVED	HS. OKAWA	07. 02. 20
		CHECKED	HS. OZAWA	07. 02. 20
		DESIGNED		07. 02. 19
		DRAWN	TS. MIYAKI	07. 02. 06
Unless otherwise specified, refer to MIL-STD-1344.				
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC4-021050-00	
<b>HRS</b>	SPECIFICATION SHEET	PART NO.	HIF3BD-10PD-2. 54R-MC	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL611-0031-7-00	△0 1/1