

In case of consideration for using Autom otive equipm ent/device which dem and high re liability, kindly contactour sales w indow correspondents.

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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<b>APPLICABLE STANDARD</b>									
<b>RATING</b>	OPERATING TEMPERATURE RANGE	-35 °C	TO	85 °C(NOTE 1)	STORAGE TEMPERATURE RANGE	-10°C	TO	60 °C	
	VOLTAGE	250 V AC			APPLICABLE CONNECTORS	D/F 1 B(A) * (1)E: P-2.5R C			
	CURRENT	3A			OPERATING HUMIDITY RANGE	UL1061,AWG24			

  

ITEM		TEST METHOD	REQUIREMENTS	QT	AT
<b>CONSTRUCTION</b>		VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×
<b>GENERAL EXAMINATION</b>		CONFIRMED VISUALLY.		×	×
<b>ELECTRIC CHARACTERISTICS</b>		CONTACT RESISTANCE 100 mA (DC OR 1000 Hz).	30 mΩ MAX.	×	-
<b>MECHANICAL CHARACTERISTICS</b>					
<b>MECHANICAL OPERATION</b>		30 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	-
<b>VIBRATION</b>		FREQUENCY 10 TO 55 HZ, SINGLE AMPLITUDE 0.75mm, AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1μs ② CONTACT RESISTANCE: 30 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	-
<b>SHOCK</b>		490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION		×	-
<b>ENVIRONMENTAL CHARACTERISTICS</b>					
<b>RAPID CHANGE OF TEMPERATURE</b>		TEMPERATURE -55 →-5 TO 35→85 →5 TO 35 °C TIME 30 → 10 →30 → 10 min UNDER 5 CYCLES	① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	-
<b>DAMP HEAT (STEADY STATE)</b>		EXPOSED AT 40±2 °C, 90 TO 95 % <sub>0</sub> , 96 h.	① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	×	-

  

<b>REMARKS</b>						
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT						
Unless otherwise specified, refer to MIL-STD-1344.		DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
		W. Fukuchi '00.4.12	W. Fukuchi '00.4.12	T. Miyagaki '00.4.12	K. Katayama '00.4.13	
Note QT: Qualification Test AT: Assurance Test X: Applicable Test						

  

<b>HRS</b> HIROSE ELECTRIC CO., LTD.		<b>SPECIFICATION SHEET</b>		<b>PART NO.</b>	
CODE NO.(OLD)	DRAWING NO.	ELC4-080518	PEART NO.	CL541-0666-2	DF1B-24PRF
CL					1/1

  

TO			