

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

APPLICABLE STANDARD		STORAGE TEMPERATURE RANGE		-10 °C TO +60 °C	
RATING	OPERATING TEMPERATURE RANGE	-30 °C TO +85 °C(NOTE1)		APPLICABLE CONNECTORS	
	VOLTAGE	250 V AC		DF1B(A)*(D)EP-2.5RC	
	CURRENT	1 A		OPERATING HUMIDITY RANGE	
<b>SPECIFICATIONS</b>					
ITEM	TEST METHOD	REQUIREMENTS		QT	AT
<b>CONSTRUCTION</b>			GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT.		
MARKING			CONFIRMED VISUALLY.		
<b>ELECTRIC CHARACTERISTICS</b>			CONTACT RESISTANCE 100 mA (DC OR 1000 HZ).		
			30 mΩ MAX.		
<b>MECHANICAL CHARACTERISTICS</b>			MECHANICAL OPERATION 30 TIMES INSERTIONS AND EXTRACTIONS.		
VIBRATION			FREQUENCY 10 TO 55 HZ, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		
SHOCK			490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		
<b>ENVIRONMENTAL CHARACTERISTICS</b>					
RAPID CHANGE OF TEMPERATURE		TEMPERATURE TIME -55→-5 TO 35→-85→ 5 TO 35°C 30 → 10 →-30→ 10 min UNDER 5 CYCLES.		① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.		① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
△					
<b>REMARKS</b>					
NOTE1:INCLUDING THE TEMPERATURE RISING BY CURRENT.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC4-080523-01		
<b>HRS</b>		SPECIFICATION SHEET		PART NO.	
		HIROSE ELECTRIC CO., LTD.		CODE NO.	
		CL541-0671-2-00		DF1B-28PR	
				△	
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