

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

APPLICABLE STANDARD		-30 °C TO +85 °C(NOTE1)		STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C	
RATING	OPERATING TEMPERATURE RANGE			APPLICABLE CONNECTORS	DF1B(A)*(D)EP-2.5RC	
	VOLTAGE	250 V AC		OPERATING HUMIDITY RANGE	UL1061, AWG28	
	CURRENT	1 A				
SPECIFICATIONS						
ITEM	TEST METHOD	REQUIREMENTS			QT	AT
CONSTRUCTION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.	
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.		
MARKING	CONFIRMED VISUALLY.			X X X		
ELECTRIC CHARACTERISTICS		CONTACT RESISTANCE 100 mA (DC OR 1000 HZ).			30 mΩ MAX.	
	CONTACT RESISTANCE	100 mA (DC OR 1000 HZ).			X —	
MECHANICAL CHARACTERISTICS		30 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		
	VIBRATION	FREQUENCY 10 TO 55 HZ, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
	SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			X —	
ENVIRONMENTAL CHARACTERISTICS		TEMPERATURE -55→-5 TO 35→85→ 5 TO 35°C			① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→-5 TO 35→85→ 5 TO 35°C			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.	
					X —	
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE		
3	DIS-H-007346	MI. SAKIMURA	HK. UMEHARA	12.10.26		
REMARKS	NOTE1:INCLUDING THE TEMPERATURE RISING BY CURRENT.			APPROVED	TS. SAKATA	
				CHECKED	TS. KUMAZAWA	
				DESIGNED	TH. YOSHI ZAWA	
				DRAWN	TH. YOSHI ZAWA	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.		ELC4-080522-01		
HRS		SPECIFICATION SHEET		PART NO.		DF1B-28PRF
HIROSE ELECTRIC CO., LTD.		CODE NO.		CL541-0670-0-00		1/1