Oct.1.2022 Copyright 2022 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
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	-30 °C TO +85 °C(NOTE1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C
	VOLTAGE	250 V AC	APPLICABLE CONNECTORS	DF1B(A)-*(D)EP-2.5RC
	CURRENT	1 A	OPERATING HUMIDITY RANGE	UL1061, AWG28

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 (DC OR 1000 Hz).	30 mΩ MAX.	X	—
MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
VIBRATION ⚠1	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.	X	—
SHOCK ⚠1	490 m/s^2 DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		X	—
ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	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 OR LOOSENESS OF PARTS.	X	—
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
⚠1	3	DIS-H-007346	MI. SAKIMURA	HK. UMEHARA	12. 10. 26

REMARKS
NOTE1:INCLUDING THE TEMPERATURE RISING BY CURRENT.

⚠1 (Delete)

APPROVED	TS. SAKATA	09. 02. 06
CHECKED	TS. KUMAZAWA	09. 02. 06
DESIGNED	TH. YOSHIZAWA	09. 02. 06
DRAWN	TH. YOSHIZAWA	09. 02. 06

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	1/1

FORM HD0011-2-1