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

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C(NOTE1)		STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C
	VOLTAGE	250 V AC		APPLICABLE CONTACT	DF1B-＊P-2.5DS(A)
	CURRENT	AWG20－22	3A		DF1BA-＊EP-2.5RC
		AWG24－28	1A		
		AWG30	0.5A		

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×
MARKING	CONFIRMED VISUALLY.		×	×
ELECTRIC CHARACTERISTICS				
INSULATION RESISTANCE	500 V DC.	1000 MΩ MIN.	×	—
VOLTAGE PROOF	650V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	×	—
MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.	① NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	×	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, - m/s^2 AT 2 h, FOR 3 DIRECTIONS.	① NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	×	—
SHOCK	490 m/s^2 DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		×	—
ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→ 5～35 →+85→ 5～35 °C TIME 30→10～15→ 30 →10～15 min UNDER 5 CYCLES.	① INSULATION RESISTANCE: 1000 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	×	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2 °C, 90 ～ 95 %, 96 h.	① INSULATION RESISTANCE: 1000 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	×	—

REMARKS
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.

Unless otherwise specified, refer to MIL-STD-1344.

DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Y. Inoue '00. 9.14	Y. Inoue '00.9.14	T. Miyazaki '00.9.14	K. Katagiri '00.9.18	

Note QT:Qualification Test AT:Assurance Test ×:Applicable Test

HRS LTD. HIROSE ELECTRIC CO.,	SPECIFICATION SHEET	PART NO. DF1B-＊S-2.5R

CODE NO.(OLD)	DRAWING NO.	PART NO.	
CL	ELC4-160017	CL541	1/1

TO

FORM No.231-1