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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.				x	x
MARKING	CONFIRMED VISUALLY.								x	x
ELECTRIC CHARACTERISTICS										
INSULATION RESISTANCE	500 V DC.				1000 MΩ MIN.				x	-
VOLTAGE PROOF	650V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				x	-
MECHANICAL CHARACTERISTICS										
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.				① NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				x	-
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.				x	-
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.								x	-
ENVIRONMENTAL CHARACTERISTICS										
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5~35 → +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.				x	-
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.				x	-
REMARKS										
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
					<i>Y. Inoue</i>	<i>Y. Inoue</i>	<i>T. Miyazaki</i>	<i>K. Katayama</i>		
Unless otherwise specified, refer to MIL-STD-1344.					'00.9.14	'00.9.14	'00.9.14	'00.9.18		
Note QT:Qualification Test AT:Assurance Test x:Applicable Test										
HS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET					
					PART NO. DF1B- * S-2.5R					
CODE NO.(OLD) CL			DRAWING NO. ELC4-160017			PART NO. CL541			1/1	

