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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
△					△				
△					△				
<b>APPLICABLE STANDARD</b>									
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							
<b>SPECIFICATIONS</b>									
ITEM		TEST METHOD			REQUIREMENTS			QT	AT
<b>CONSTRUCTION</b>									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			x	x
MARKING		CONFIRMED VISUALLY.						x	x
<b>ELECTRIC CHARACTERISTICS</b>									
INSULATION RESISTANCE		500 V DC.			1000 MΩ MIN.			x	-
VOLTAGE PROOF		650V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.			x	-
<b>MECHANICAL CHARACTERISTICS</b>									
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 <sup>2</sup> AT 2 h, FOR 3 DIRECTIONS.			① NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			x	-
SHOCK		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.						x	-
<b>ENVIRONMENTAL CHARACTERISTICS</b>									
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	-
<b>REMARKS</b>									
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									
<b>HS</b> HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET			PART NO. DF1B- * S-2.5R		
CODE NO.(OLD)		DRAWING NO.			PART NO.			1/1	
CL		ELC4-160017			CL541				

