

TO

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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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		DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.		Y. Inoue	Y. Inoue	T. Miyazaki	K. Katayama	
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						
 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

