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 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	-35 °C TO +85 °C(NOTE1)		STORAGE TEMPERATURE RANGE	-10°C TO +60 °C	
	VOLTAGE	250 V AC		APPLICABLE CONTACT	DF1E-*S-2.5RC DF1E-*EP-2.5C	
	CURRENT	AWG20-22	3A			
		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	650 V AC FOR 1 min.			NO FLASHOVER OR BREAKDOWN.	X	-
<b>MECHANICAL CHARACTERISTICS</b>						
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm.			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 TO 35 →+85→5 TO35°C TIME 30 →10 TO 15 →30 →10 TO 15min 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 TO 95 %, 96 h.			① INSULATION RESISTANCE: 500 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-
<b>REMARKS</b>						
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.						
Unless otherwise specified, refer to JIS C 5402.						
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
				APPROVED	TS. SAKATA	08.05.15
				CHECKED	TS. KUMAZAWA	08.05.15
				DESIGNED	TH. YOSHI ZAWA	08.05.15
				DRAWN	TH. YOSHI ZAWA	08.05.15
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC4-161948-01		
	SPECIFICATION SHEET		PART NO.	DF1E-*RS/P-2.5		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL541		1/1