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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		

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	650 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	－
MECHANICAL CHARACTERISTICS				
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm.	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 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	－

REMARKS
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.

Unless otherwise specified, refer to JIS C 5402.

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
⓪					

APPROVED	TS. SAKATA	08. 05. 15
CHECKED	TS. KUMAZAWA	08. 05. 15
DESIGNED	TH. YOSHIZAWA	08. 05. 15
DRAWN	TH. YOSHIZAWA	08. 05. 15

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

DRAWING NO. ELC4-161948-01

HRS	SPECIFICATION SHEET	PART NO.	DF1E-*RS/P-2.5	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL541	⓪ 1/1

FORM HD0011-2-1