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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(NOTE 1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C(NOTE 3)			
	OPERATING HUMIDITY RANGE	40% TO 80%(NOTE 2)	STORAGE HUMIDITY RANGE	40% TO 70%(NOTE 3)			
	VOLTAGE	250 V AC	UL,CSA	RATED VOLTAGE	AC 30V		
	CURRENT	AWG20 TO 24: 3A AWG26 : 2A AWG28 : 1A AWG30 : 0.5A		RATED CURRENT	AWG20 TO 22: 3A AWG24 TO 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							
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.		NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X	—
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X	—
ENVIRONMENTAL CHARACTERISTICS							
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.		① INSULATION RESISTANCE: 500 MΩMIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→ 5 TO 35→85→ 5 TO 35°C TIME 30→ 5 → 30→ 5 min UNDER 5 CYCLES.		① INSULATION RESISTANCE:1000 MΩMIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X	—
REMARKS							
NOTE1:INCLUDING THE TEMPERATURE RISING BY CURRENT.							
NOTE2:NO CONDENSING.							
NOTE3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD AFTER PCBBOARD , OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERM STORAGE DURING TRANSPORTATION.							
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE		
Unless otherwise specified, refer to JIS C 5402.				APPROVED	KI. AKIYAMA	12. 06. 19	
				CHECKED	HK. UMEHARA	12. 06. 19	
				DESIGNED	HT. SATO	12. 06. 19	
				DRAWN	MI. SAKIMURA	12. 06. 15	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-160792-01		
	SPECIFICATION SHEET		PART NO.	DF1E-2S-2. 5C			
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL541-0811-0-00		1/1	