

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	APPLICABLE CONNECTORS	DF1E-※S-2.5C	
CURRENT	AWG20 - 24 : 3 A AWG26 : 2 A AWG28 : 1 A AWG30 : 0.5 A	UL,CSA	VOLTAGE	AC 30V	
			CURRENT	AWG20 - 22 : 3A AWG24 - 28 : 1A AWG30 : 0.5A	
SPECIFICATIONS					
ITEM	TEST METHOD	REQUIREMENTS			
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.			
MARKING	CONFIRMED VISUALLY.	X	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, 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 MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-	
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→15 TO 35→85→15 TO 35°C TIME 30 → 5MAX →30→ 5MAX min UNDER 5 CYCLES.	① INSULATION RESISTANCE:1000 MΩ MIN. 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 PCBOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERM STORAGE DURING TRANSPORTATION.					
Unless otherwise specified, refer to JIS C 5402.					
△	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
				APPROVED K.I. AKIYAMA	10.06.29
				CHECKED HK. UMEHARA	10.06.29
				DESIGNED HT. SATO	10.06.29
				DRAWN MI. SAKIMURA	10.06.22
Note	QT:Qualification Test	AT:Assurance Test	X:Applicable Test	DRAWING NO.	ELC4-161950-01
HRS	SPECIFICATION SHEET	PART NO.	DF1EA-※EP-2.5C		
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL541		△
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