

APPLICABLE STANDARD		SPECIFICATIONS									
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-*XS-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						
CONSTRUCTION		TEST METHOD			REQUIREMENTS						
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.						
MARKING		CONFIRMED VISUALLY.									
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 PCBBOARD , 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						
△											
				APPROVED	KI. 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					
HS	SPECIFICATION SHEET		PART NO.	DF1EA-*EP-2. 5C							
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL541		△ 1/1					