

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		DF1B- * ES-2.5RC(#)
	CURRENT	AWG20 TO 24 : 3 A AWG26 : 2 A AWG28 : 1 A AWG30 : 0.5 A		UL・CSA RATING	VOLTAGE	AC 30V
				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, 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: 1000 MΩ MIN. 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→10 TO 15→30→10 TO 15 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 DATE
△	1	DIS-H-005021		HT. SATO		HK. UMEHARA 10. 07. 22
△ format change.				APPROVED	KJ. KATAYOSE	05. 01. 05
				CHECKED	TY. OMA	05. 01. 05
				DESIGNED	TS. KUMAZAWA	05. 01. 05
				DRAWN	TS. KUMAZAWA	05. 01. 05
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-160055-01
HRS	SPECIFICATION SHEET			PART NO.	DF1B-*EP-2. 5RC	
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL541	△ 1/1