

APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C(NOTE1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C(NOTE3)		
	OPERATING HUMIDITY RANGE	20% TO 80%(NOTE2)	STORAGE HUMIDITY RANGE	20% TO 70%(NOTE3)		
	VOLTAGE	150 V AC	CURRENT	1 A		
	APPLICABLE CONNECTOR	DF13(A-40DP-1.25V(##))	APPLICABLE CRIMP CONTACT	DF13(G)-2630SCF(A) DF13(G)-3032SCF(A)		
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						
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD		100 V DC.		500 MΩ MIN.	X	—
VOLTAGE PROOF		500 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 <sup>2</sup> 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.		NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
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.		NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
REMARKS NOTE1: INCLUDING THE TEMPERATURE RISE BY CURRENT. NOTE2:NO CONDENSING NOTE3:APPLY TO THE CONDITION OF LONGTERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD, AFTER PCB BOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.						
Unless otherwise specified, refer to JIS C 5402.						
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
△						
			APPROVED	TS. SAKATA	08. 12. 10	
			CHECKED	TS. KUMAZAWA	08. 12. 10	
			DESIGNED	SN. KOBAYASHI	08. 12. 04	
			DRAWN	SN. KOBAYASHI	08. 12. 04	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-160106-01	
HRS	SPECIFICATION SHEET		PART NO.	DF13-40DS-1. 25C		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL536-0565-0-00	△	1/1