

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	40% TO 70% (NOTE3)
	VOLTAGE	150 V AC/DC		APPLICABLE CONTACT	DF13-*S-1.25C
	CURRENT	1 A		APPLICABLE CABLE	AWG26 TO AWG 30
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		20 mV MAX, 1 mA(DC OR 1000 Hz).		30 mΩMAX.	X —
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCES		□0.35±0.002 mm BY STEEL GAUGE.		INSERTION FORCE 3 N MAX. EXTRACTION FORCE 0.3 N MIN.	X —
MECHANICAL OPERATION		30 TIMES INSERTION AND EXTRACTION.		① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X —
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2h, FOR 3 DIRECTION.		① NO ELECTRICAL DISCONTINUITY OF 1 μ s.	X —
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X —
CRIMP TENSILE STRENGTH				① #AWG26 : 20 N MIN. ② #AWG28 : 10 N MIN. ③ #AWG30 : 5.9N MIN.	X —
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT(STEADY STATE)		EXPOSED AT 40 ± 2°C , 90 TO 95 %, 96 h.		① CONTACT RESISTANCE: 30 mΩ MAX. ② 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.			X —
NOTE 1: INCLUDE THE TEMPERATURE RISING BY CURRENT. NOTE2:NO CONDENSING NOTE3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFOR PCB ON BOARD, AFTER PCB BOARD , OPERATING TEMPERATURE AND HUMIDITTY RANGE IS APPLIED FOR INTERIM STRAGE DURING TRANSPORTATION.					
COUNT		DESCRIPTION OF REVISIONS		DESIGNED	CHECKED
REMARKS				APPROVED	HK. UMEHARA
				CHECKED	HK. UMEHARA
				DESIGNED	HT. SATO
				DRAWN	HT. SATO
Unless otherwise specified, refer to JIS C 5402.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO. ELC4-162517-01	
		SPECIFICATION SHEET		PART NO.	DF13G-2630SCF
		HIROSE ELECTRIC CO., LTD.		CODE NO.	CL536-0643-1-00
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