

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	<input type="checkbox"/> 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	DATE
REMARKS			APPROVED	HK. UMEHARA 11. 11. 17
			CHECKED	HK. UMEHARA 11. 11. 17
			DESIGNED	HT. SATO 11. 11. 17
			DRAWN	HT. SATO 11. 11. 17
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	1/1