

APPLICABLE STANDARD					
RATING △ 2	OPERATING TEMPERATURE RANGE	-40°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	250V AC/DC	APPLICABLE CONNECTOR	DF11-**DS-2C (##)	
	CURRENT	AWG24 : 2.5A AWG26 : 2.0A AWG28 : 1.0A	APPLICABLE CABLE	AWG24 TO 28	
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		100mA (DC OR 1000 Hz).		30mΩ MAX.	X —
MECHANICAL CHARACTERISTICS △ 2					
MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.		① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X —
CONTACT INSERTION AND EXTRACTION FORCE		□0.5±0.002 BY STEEL GAUGE.		INSERTION FORCE 4.4N MAX EXTRACTION FORCE 0.3N MIN	X —
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X —
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X —
ENVIRONMENTAL CHARACTERISTICS △ 2					
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 CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X —
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X —
REMARKS					
NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT NOTE 2:NO CONDENSING. NOTE 3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE MOUNTED ON PCB, AFTER MOUNTED ON PCB, OPERATION TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△	3	DIS-H-00004374	TS. MIYAKI	SZ. ONO	20181102
Unless otherwise specifid , refer to IEC 60512.				APPROVED	TS. SAKATA
				CHECKED	HK. UMEHARA
				DESIGNED	TT. OHSAKO
				DRAWN	TT. OHSAKO
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-080087-04-02
HRS	SPECIFICATION SHEET		PART NO.	DF11-2428SCFA (04)	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL543-0550-0-04	△ 1/1