

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-30°C TO + 85°C (NOTE 1)	STORAGE TEMPERATURE RANGE		-10°C TO + 60°C (NOTE 2)
	OPERATING HUMIDITY RANGE	40% TO + 80%	STORAGE HUMIDITY RANGE		40% TO + 70% (NOTE 2)
	APPLICABLE CONTACT	DF3-22SC * DF3-2428SC *	APPLICABLE CABLE		UL1061, 1007 AWG22~28
	VOLTAGE	250V AC		VOLTAGE	30V AC
	CURRENT	AWG 22 TO 24 : 3A AWG 26 : 2A AWG 28 : 1A	UL • CSA RATING	CURRENT	AWG 24 TO 28 : 1A
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	500V DC.		1000MΩ MIN.		X —
VOLTAGE PROOF	650V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.		X —
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.		① NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X —
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		① 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 DAMAGE, CRACK OR LOOSENESS OF PARTS.		X —
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55→5 TO 35→+85→5 TO 35 °C TIME 30→ 5 MAX→ 30→ 5 MAX min UNDER 5 CYCLES.		① INSULATION RESISTANCE: 1000MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X —
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		① INSULATION RESISTANCE: 500MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X —
REMARKS					
NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT.					
NOTE 2:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD , AFTER PCB BOARD , OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERM STORAGE DURING TRANSPORTATION.					
COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
△					
Unless otherwise specifid , refer to JIS C 5402.			APPROVED	TS. SAKATA	09.01.17
			CHECKED	TS. KUMAZAWA	09.01.17
			DESIGNED	KT. ISHII	09.01.09
			DRAWN	KT. ISHII	09.01.09
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-018842-01
HRS	SPECIFICATION SHEET		PART NO.	DF3-5S-2C	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL543-0006-6-00	△ 1/1