

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	UL • CSA RATING	VOLTAGE	30V AC
	CURRENT	AWG 22 TO 24 : 3A AWG 26 : 2A AWG 28 : 1A		CURRENT	AWG 24 TO 28 : 1A
<b>SPECIFICATIONS</b>					
ITEM	TEST METHOD	REQUIREMENTS	QT	AT	
<b>CONSTRUCTION</b>					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X	
MARKING	CONFIRMED VISUALLY.		X	X	
<b>ELECTRIC CHARACTERISTICS</b>					
INSULATION RESISTANCE	500V DC.	1000MΩ MIN.	X	-	
VOLTAGE PROOF	650V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	-	
<b>MECHANICAL CHARACTERISTICS</b>					
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 <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	① NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-	
<b>ENVIRONMENTAL CHARACTERISTICS</b>					
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	-	
<b>REMARKS</b>					
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		
<b>HRS</b>	SPECIFICATION SHEET	PART NO.	DF3-5S-2C		
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL543-0006-6-00	△	1/1