

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)			
	VOLTAGE	250V AC	APPLICABLE CONNECTOR	DF3-*S-2C			
	CURRENT	AWG24 : 3A AWG26 : 2A AWG28 : 1A	APPLICABLE CABLE	UL1061, 1007 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							
MECHANICAL OPERATION		30 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	—
CLIMP TENSILE STRENGTH		MEASURE MAX, VALUE UNDER THE FOLLOWING METHOD: APPLY WIRE TENSILE STRENGTH TO CAULKING AREA AXIALLY UNTIL WIRE BECOME LOOSEN OR BREAKDOWN.		AWG24 35N MIN (11 CORES / 0.16 mm) AWG26 24N MIN (7 CORES / 0.16 mm) AWG28 16N MIN (7 CORES / 0.127 mm)		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							
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:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD, AFTER PCB BOARD, OPERATINGTEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.							
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED		CHECKED	DATE
	2	DIS-H-002402		AK. MIURA		HK. UMEHARA	07. 08. 30
Unless otherwise specifid , refer to JIS C 5402.				APPROVED	KJ. KATAYOSE	05. 01. 05	
				CHECKED	TY. OMA	05. 01. 05	
				DESIGNED	IO. DENPOUYA	05. 01. 05	
				DRAWN	IO. DENPOUYA	05. 01. 05	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC4-018921-00	
	SPECIFICATION SHEET			PART NO.		DF3-2428SCF	
	HIROSE ELECTRIC CO., LTD.			CODE NO.		CL543-0001-2-00	 1/1