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 △1	40% TO + 80%	STORAGE HUMIDITY RANGE △1	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

HRS	SPECIFICATION SHEET	PART NO.	DF3-2428SCF	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL543-0001-2-00 △1	1/1

FORM HD0011-2-1