	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					

APPLICABLE STANDARD

RATING	OPERATING TEMPERATURE RANGE	-30°C TO +85 °C (NOTE1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C
	VOLTAGE	250 V AC	APPLICABLE CONTACT	DF3-22/2428SCF(A)
	CURRENT	3A		

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	○	○
MARKING	CONFIRMED VISUALLY.		○	○
ELECTRICAL CHARACTERISTICS				
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	30 mΩ MAX.	○	—
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD	20 mV MAX, mA(DC OR 1000 Hz).	mΩ MAX.	—	—
INSULATION RESISTANCE	500 V DC.	1000 MΩ MIN.	○	—
VOLTAGE PROOF	650 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	○	—
MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	BY STEEL GAUGE.	INSERTION FORCE N MAX. EXTRACTION FORCE N MIN.	—	—
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE N MAX. EXTRACTION FORCE N MIN.	—	—
MECHANICAL OPERATION	TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	—	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, - m/s^2 AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 10 μs.	○	—
SHOCK	490 m/s^2 DURATION OF PULSE 11 ms AT 3TIMES FOR 3 DIRECTIONS.	② CONTACT RESISTANCE: mΩ MAX. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	○	—
ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 15~30 →+85→ 15~30 °C TIME 30 → 10~15 → 30→ 10~15 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE:1000MΩMIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	○	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90~95 %, 96 h.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	○	—
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, °C, FOR. IMMERSION, DURATION, s.	NO DEFORMATION ON CASE OR EXCESSIVE LOOSENESS OF THE TERMINALS.	—	—
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, °C FOR IN IMMERSION, DURATION, s.	SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.	—	—

REMARKS
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.

Unless otherwise specified, refer to MIL-STD-1344.

DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
R. Sasaki	T. Miyazaki	T. Ono	K. Kobayase	
'96.8.30	'96.8.30	96.8.31	'96.8.31	

Note QT:Qualification Test AT:Assurance Test ○:Applicable Test

HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. DF3-3S-2C
CODE NO.(OLD) CL	DRAWING NO. ELC4-018840	CODE NO. CL543-0004-0

1/1

TO

INC