	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 SOCKET	DF11-*S-2C,DF11-*DS-2C
	CURRENT	2 A(24 TO 26 AWG),1 A(28 AWG)	APPLICABLE CABLE	24 TO 28 AWG(INSULATION DIAMETER: φ0.9 TO φ1.45 mm)

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	O	O
MARKING	CONFIRMED VISUALLY.		O	O
ELECTRICAL CHARACTERISTICS				
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	30 mΩ MAX.	O	—
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.	20 mV MAX. mA(DC OR 1000 Hz).	mΩ MAX.	—	—
INSULATION RESISTANCE	500 V DC.	1000 MΩ MIN.	O	—
VOLTAGE PROOF	650 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	O	—
MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	□0.5±0.002 BY STEEL GAUGE.	INSERTION FORCE: 4.4 N MAX. EXTRACTION FORCE: 0.3N MIN.	O	—
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE N MAX. EXTRACTION FORCE N MIN.	—	—
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	O	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, − m/s² AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② CONTACT RESISTANCE: − mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	O	—
SHOCK	490 m/s² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② CONTACT RESISTANCE: − mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	O	—
ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 500 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	O	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE: -55→ 5 TO 35→ 85→ 5 TO 35 °C TIME: 30→ 5 → 30→ 5 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	O	—
CORROSION SALT MIST	EXPOSED IN % SALT WATER SPRAY FOR h.	① CONTACT RESISTANCE: − mΩ MAX. ② NO HEAVY CORROSION.	—	—

REMARKS

NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.

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

DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
T.Goi	T.Goi	K.Hayama	K.Katagiri	
'98.8.31	'98.8.31	'98.8.31	'98.8.31	

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

HRS HIROSE ELECTRIC CO., LTD	SPECIFICATION SHEET	PART NO. DF11A−2428SCF	
CODE NO.(OLD) CL	DRAWING NO. ELC4−084373	CODE NO. CL543−0634−9	1 1

TO

FORM No.231-1