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

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO 85 °C(NOTE 1)	STORAGE TEMPERATURE RANGE	-10°C TO 60 °C
	VOLTAGE	250 V AC	APPLICABLE CONNECTORS	DF1B-※(D)S-2.5R(C)
	CURRENT	3A	OPERATING HUMIDITY RANGE	UL1061:AWG24

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×
MARKING	CONFIRMED VISUALLY.		×	×
ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	30 mΩ MAX.	×	—
MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	□0.635±0.002mm BY STEEL GAUGE.	INSERTION FORCE 4.4 N MAX. EXTRACTION FORCE 0.44 N MIN.	×	—
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 30mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS	×	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75mm, AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1μs. ② CONTACT RESISTANCE: 30 mΩ MAX ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS	×	—
SHOCK	490 m/s² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.		×	—
ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 →5 TO 35→85 →5 TO 35 °C TIME 30 → 10 →30 → 10 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 30 mΩ MAX ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS	×	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.	① CONTACT RESISTANCE: 30 mΩ MAX ② NO DAMAGE, CRACK AND LOOSENESS, OF PARTS	×	—

REMARKS
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT

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

DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
W. Fukuchi '00. 4. 12	W. Fukuchi '00. 4. 12	T. Miyazaki '00 4.12	K. Katayama '00. 4. 13	

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

HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. DF1B-R24F
CODE NO.(OLD) CL	DRAWING NO. ELC4-020205	PEART NO CL541-0217-9 1/1

FORM No.231-1

TO

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