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COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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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	×	—		
SHOCK	490 m/s <sup>2</sup> DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.	③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS	×	—		
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		DRAWN W. Fukuchi '00. 4. 12	DESIGNED W. Fukuchi '00. 4. 12	CHECKED T. Miyajima '00. 4. 12	APPROVED K. Katayama '00. 4. 13	RELEASED
Unless otherwise specified, refer to MIL-STD-1344.						
Note QT: Qualification Test AT: Assurance Test ×:Applicable Test						
 <b>HIROSE ELECTRIC CO., LTD.</b>		SPECIFICATION SHEET		PART NO. DF1B-R24F		
CODE NO.(OLD) CL	DRAWING NO ELC4-020205	PEART NO CL541-0217-9		1/1		