

	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	DF 1 B -※(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 1ms. ② CONTACT RESISTANCE: 30 mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS				×	—	
SHOCK	490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.				① CONTACT RESISTANCE: 30 mΩ MAX ② 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 Unless otherwise specified, refer to MIL-STD-1344.					DRAWN W. Fukuchi '00. 4. 12	DESIGNED W. Fukuchi '00. 4. 12	CHECKED T. Miyazaki '00. 4. 12	APPROVED K. Katayama '00. 4. 13	RELEASED		
Note QT: Qualification Test AT Assurance Test ×:Applicable Test											
HIROSE HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET				PART NO. DF 1 B - R 2 4 F					
CODE NO.(OLD) CL		DRAWING NO ELC4-020205				PEART NO CL 541-0217-9					