

APPLICABLE STANDARD																
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C(NOTES 1)		STORAGE TEMPERATURE RANGE	-10°C TO +60 °C(NOTE 2)											
	VOLTAGE	250 V AC (DC)		APPLICABLE CONNECTOR	DF1B-*S-2.5R DF1B-*DS-2.5RC DF1B-*(D)ES-2.5RC											
	APPLICABLE CABLE	AWG28	1A	APPLICABLE CABLE	AWG28 :UL1061,UL1007											
SPECIFICATIONS																
ITEM		TEST METHOD		REQUIREMENTS		QT AT										
CONSTRUCTION																
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.		X X										
MARKING		CONFIRMED VISUALLY.				X X										
ELECTRIC CHARACTERISTICS																
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD		100 mA (DC OR 1000Hz).		30 mΩ MAX.		X -										
MECHANICAL CHARACTERISTICS																
CONTACT INSERTION AND EXTRACTION FORCE		□0.635±0.002mm BY STEEL GAUGE.		INSERTION FORCE : 4.4 N MAX. EXTRACTION FORCE : 0.44 N MIN.		x -										
MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.		① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X -										
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.		① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X -										
SHOCK		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.														
ENVIRONMENTAL CHARACTERISTICS																
RAPID CHANGE OF TEMPERATURE		TEMPERATURE-55→+15TO+35→+85→+15TO35 °C TIME 30 →2 TO 3 → 30 →2 TO 3 min UNDER 5 CYCLES.		① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X -										
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.		① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.		X -										
REMARKS																
NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT NOTE 2:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD, AFTER PCB BOARD, OPERATINGTEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.																
<table><tr><td>COUNT</td><td>DESCRIPTION OF REVISIONS</td><td>DESIGNED</td><td>CHECKED</td><td>DATE</td></tr><tr><td>△</td><td></td><td></td><td></td><td></td></tr></table>							COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	△				
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△																
			APPROVED	KI. AKIYAMA	12. 10. 22											
			CHECKED	HK. UMEHARA	12. 10. 22											
			DESIGNED	KY. SHIMAKURA	12. 10. 22											
			DRAWN	MI. SAKIMURA	12. 10. 19											
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-020660-01											
HRS	SPECIFICATION SHEET		PART NO.	DF1B-R28A (06)												
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL541-0266-4-06	△	1/1										