

TO

	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(NOTE1)				STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C				
	VOLTAGE	250 V AC				APPLICABLE CONNECTOR	DF1BA-* EP-2. 5RC				
	CURRENT	3 A (AWG 24)					DF1BA-*DEP-2. 5RC				
		2 A (AWG 26)					DF1B -* EP-2. 5RC				
		1 A (AWG 28)					DF1B -*DEP-2. 5RC				
						APPLICABLE CABLE	UL1007,1061:AWG24~28				
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 MILLIVOLT LEVEL METHOD.		20 mV MAX, 1 mA(DC OR 1000 Hz).				30 mΩ MAX.			×	—	
INSULATION RESISTANCE		500 V DC.				1000 MΩ MIN.			×	—	
VOLTAGE PROOF		650 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.			×	—	
MECHANICAL CHARACTERISTICS											
MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.				① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR 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 OR LOOSENESS OF PARTS.			×	—	
SHOCK		490 m/s ² DIRECTIONS OF PULSE 11 ms AT 3 TIME FOR 3 DIRECTION.				① NO ELECTRICAL DISCONTINUITY OF 1μs. ② CONTACT RESISTANCE: 30 mΩ MAX. 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 INSULATION RESISTANCE: 1000MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.			×	—	
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.							×	—	
REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT.											
					DRAWN Y.Nagashima '01.01.10	DESIGNED Y. Inoue '01.01.11	CHECKED T. Miyazaki '01.1.11	APPROVED K. Katayama '01.1.12	RELEASED		
Unless otherwise specified, refer to MIL-STD-1344.											
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test											
HRS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET			PART NO. DF1-PD2428SCFB			
CODE NO.(OLD) CL			DRAWING NO. ELC4-021358			PART NO. CL541-0660-6			1/1		

