

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-30℃ TO +85℃ (NOTE1)	STORAGE TEMPERATURE RANGE	-10℃ TO +60℃
	VOLTAGE	250 V DC	APPLICABLE CONTACT	—
	CURRENT	3 A	APPLICABLE CONNECTOR	—
			APPLICABLE CABLE	UL1061 24 AWG TO 28 AWG

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	Q	T	A
CONSTRUCTION					
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	○	○	
MARKING	CONFIRMED VISUALLY.		○	○	
ELECTRICAL CHARACTERISTICS					
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	30 mΩ MAX.	○	—	
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.	20 mV MAX. mA (DC OR 1000 Hz).	mΩ MAX.	—	—	
INSULATION RESISTANCE	500 V DC	1000 MΩ MIN.	○	—	
VOLTAGE PROOF	650 V AC FOR 1 min	NO FLASHOVER OR BREAKDOWN.	○	—	
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND EXTRACTION FORCES	BY STEEL GAUGE.	INSERTION FORCE N MAX. EXTRACTION FORCE N MIN.	—	—	
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.	INSERTION FORCE N MAX. EXTRACTION FORCE N MIN.	—	—	
MECHANICAL OPERATION	TIMES INSERTIONS AND EXTRACTIONS	① CONTACT RESISTANCE: mΩ MAX. ② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	—	—	
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm. — m/s ² AT 2 h FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF μs. ② CONTACT RESISTANCE: — mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—	
SHOCK	AT m/s ² DURATION OF PULSE TIMES FOR DIRECTIONS. ms	① NO ELECTRICAL DISCONTINUITY OF μs. ② CONTACT RESISTANCE: mΩ MAX. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	—	—	
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2℃, 90~95% RH, 96 h.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—	
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5 → 35 → 85 → 5 → 35℃ TIME 30 → 5 → 30 → 5 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ. ③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	○	—	
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, IMMERSION, DURATION, s.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	—	—	
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, FOR IMMERSION DURATION, s.	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMersed.	—	—	
REMARKS					
NOTE1 INCLUDE THE TEMPERATURE RISING BY CURRENT.					
Unless otherwise specified, refer to MIL-STD-1344.					
DRAWN		DESIGNED	CHECKED	APPROVED	RELEASED
T. Miyazaki		T. Miyazaki	J. Oma	M. Yamano	
95.4.17		95.4.17	95.4.18	95.4.18	
Note QT: Qualification Test AT: Assurance Test ○: Applicable Test					
HRS HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		PART NO. DF4-※DP-2C	
CODE NO. (OLD)	DRAWING NO.	CODE NO.	1/1		
CL	ELC4-160366	CL544-0078-3	C L 544-0092-4		

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