

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 °C TO +85 °C (NOTE1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C
	VOLTAGE	250 V DC	APPLICABLE CONTACT	—
	CURRENT	3 A	APPLICABLE CONNECTOR	—
			APPLICABLE CABLE	UL1061 24AWG TO 28AWG

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 0.25 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 °C, 90~95 % 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 °C 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, °C FOR IMMERSION, DURATION, s.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	—	—		
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, °C 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. Ono	H. Yamamoto	
		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-XP-2C		
CODE NO. (OLD)	DRAWING NO.	CODE NO.				
CL	ELC4-160365	0003-4				
		CL 544-0016-6				

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