

	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD				
	OPERATING TEMPERATURE RANGE	-35 °C TO +85 °C(NOTE1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C(NOTE2)
	OPERATING HUMIDITY RANGE	40% TO 80%	STORAGE HUMIDITY RANGE	40% TO 70%
RATING	VOLTAGE	300 V AC	APPLICABLE CONNECTOR	DF6- * P-3.96C
	CURRENT	AWG 18 : 5A AWG 20 : 4A AWG 22 : 3A	APPLICABLE CABLE	UL1007: AWG 18 TO 22 (APPLICABLE SPROCKET HOLE Φ1.8 TO Φ1.95)

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
ELECTRICAL CHARACTERISTICS				
INSULATION RESISTANCE	500 V DC.	1000 MΩ MIN.	X	-
VOLTAGE PROOF	1500 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	-
MECHANICAL CHARACTERISTICS				
STICKING-BY-PRESSURE PART RESISTANCE	100 mA (DC OR 1000Hz).	15 mΩ MAX.	X	-
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h FOR 3 DIRECTIONS.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X	-
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 TO 95 %, 96 h.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X	-
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.	NO DAMAGE, CRACK AND LOOSENESS, OF PARTS.	X	-
RESISTANCE TO SOLDERING HEAT	1) AUTOMATIC SOLDERING (FLOW) SOLDER TEMPERATURE, 250±5°C FOR IMMERSION,DURATION, 10 sec. 2) MANUAL SOLDERING SOLDERING IRON TEMPERATURE :290±10°C, SOLDERING TIME : 3 sec. NO STRENGTH ON CONTACT.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	X	-

REMARKS NOTE1:INCLUDING THE TEMPERATURE RISE BY CURRENT. NOTE2:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD, AFTER PCB BOARD,OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION. Unless otherwise specified, refer to JIS C 5402.	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	F.Matsuki '04.04.16	H.Umehara '04.04.16	J.Oma 04.04.16	J.Oma 04.04.16	

Note QT: Qualification Test AT: Assurance Test X: Applicable Test				
HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET		PART NO.	
			DF6-1822PC(05)	
CODE NO.(OLD) CL	DRAWING NO. ELC4-019535-01	CODE NO. CL546-0010-2-05	1/1	



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