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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-30 °C TO +85 °C(NOTE1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C(NOTE3)	
	OPERATING MOISTURE RANGE	40 % TO 80 %(NOTE2)	STORAGE MOISTURE RANGE	40 % TO 70 %(NOTE3)	
	VOLTAGE	250 V AC(DC)	APPLICABLE CABLE	UL1061, 1007 AWG22 TO 30	
	CURRENT	2 A	APPLICABLE CONTACT	DF11-EP2428PC(F)	
	APPLICABLE CONNECTOR	DF11-20DS-2C		DF11-EP2428PC(F) A	
				DF11-EP22PCF	
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					
INSULATION RESISTANCE		500 V DC.	1000 MΩ MIN.	X	—
VOLTAGE PROOF		650 V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	—
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.	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.	NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	NO DAMAGE, CRACK OR LOOSENESS OF PARTS	X	—
ENVIRONMENTAL CHARACTERISTICS					
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.	① INSULATION RESISTANCE: 500MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → 5 TO 35 →+85→5 TO 35°C TIME 30 →10 TO 15 → 30→10 TO15min UNDER 5 CYCLES.	① INSULATION RESISTANCE:1000MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
REMARKS					
NOTE 1: INCLUDING THE TEMPERATURE RISE BY CURRENT.					
NOTE 2: NON-CONDENSING.					
NOTE 3: 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.					
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△					
Unless otherwise specified, refer to JIS C 5402			APPROVED	TS. SAKATA	08.12.04
			CHECKED	TS. KUMAZAWA	08.12.04
			DESIGNED	KT. ISHII	08.12.02
			DRAWN	KT. ISHII	08.12.02
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC4-083336-01	
HRS	SPECIFICATION SHEET		PART NO.	DF11-20DEP-2C	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL543-0627-3-00	△ 1/1