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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	-40°C TO + 85°C (NOTE 1) ⚠1			STORAGE TEMPERATURE RANGE	-10°C TO + 60°C
	OPERATING HUMIDITY RANGE	40% TO 80% (NOTE2) ⚠1			STORAGE HUMIDITY RANGE	40% TO 70% (NOTE3) ⚠1
	VOLTAGE	250V AC	UL·CSA RATING ⚠1	30V AC	APPLICABLE CONTACT ⚠1	DF11-EP2428PC(F) DF11-EP2428PC(F)A
	CURRENT	2 A		2 A	APPLICABLE CABLE ⚠1	UL1061, 1007 AWG24 TO 28
	APPLICABLE CONNECTOR ⚠1	DF11-*DS-2C				

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 ⚠1	30 TIMES INSERTIONS AND EXTRACTIONS.	NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
VIBRATION ⚠1	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 ⚠1	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				
RAPID CHANGE OF TEMPERATURE ⚠1	TEMPERATURE -55→ 5 TO 35→+85→ 5 TO 35 °C TIME 30→ 5 MAX → 30→ 5 MAX min UNDER 5 CYCLES.	① INSULATION RESISTANCE: 1000MΩ MIN. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2 °C, 90 TO 95 %, 96 h.	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:NO CONDENSING. ⚠1
NOTE 3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTSBEFORE PCB ON BOARD,AFTER PCB BOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION. ⚠1

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
⚠1	13	DIS-H-008583	MI.SAKIMURA	HK.UMEHARA	14.03.25

REMARKS
NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT.

Unless otherwise specifid , refer to IEC 60512.

APPROVED	KJ.KATAYOSE	05.01.05
CHECKED	TY.OMA	05.01.05
DESIGNED	IO.DENPOUYA	05.01.05
DRAWN	IO.DENPOUYA	05.01.05

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO. ELC4-081880-01

HRS	SPECIFICATION SHEET	PART NO.	DF11-*DEP-2C	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL543 ⚠1	1/1

FORM HD0011-2-1