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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		-35 °C TO +105°C (NOTE1)	STORAGE TEMPERATURE RANGE	-10 °C TO +60°C (NOTE3)
	OPERATING HUMIDITY RANGE		20% TO 80% (NOTE2)	STORAGE HUMIDITY RANGE	40% TO 70% (NOTE3)
	APPLICABLE CONNECTOR		DF62B-24EP-2.2C(##)	VOLTAGE	AC/DC 250V
	UL・C-UL RATING	VOLTAGE	250 V AC/DC ⚠2	CURRENT	AWG 22 : 2.5A AWG 24 : 2A AWG 26-30 : 1A
		CURRENT	AWG 22 : 3A AWG 24 : 2A AWG 26-30 : 1A	APPLICABLE CONTACT	DF62-22SC* DF62-2428SC* DF62-30SC*
		OPERATING TEMPERATURE RANGE	-35 °C TO +75°C (NOTE1)		

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 INSERTION AND EXTRACTION.	NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 10 CYCLES FOR 3 DIRECTION.	NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
SHOCK	490 m/s^2 DURATION OF PULSE 11 ms AT 3 TIMES EACH FOR 3 BOTH AXIAL DIRECTIONS.	NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 ± 2℃ , 90 TO 95 %, 96 h. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1-2h.)	①INSULATION RESISTANCE: 1000 MΩ MIN. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55℃→ +85℃ TIME 30min→ 30min UNDER 5 CYCLES. (THE TRANSFERRING TIME OF THE TANK IS 2-3 min) (AFTER LEAVING THE ROOM TEMPERATURE FOR 1-2h.)	①INSULATION RESISTANCE: 1000 MΩ MIN. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—

REMARKS
NOTE 1: INCLUDE THE TEMPERATURE RISING BY CURRENT.
NOTE 2:NO 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
⚠2	1	DIS-H-00019309	RI.GENDA	SZ.ONO	20231023

REMARKS			
	APPROVED	KI.AKIYAMA	20130917
	CHECKED	OM.MIYAMOTO	20130913
Unless otherwise specified, refer to IEC 60512.	DESIGNED	TH.YOSHIZAWA	20130913
	DRAWN	MI.SAKIMURA	20130909

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

DRAWING NO. ELC-348676-11-01

HRS	SPECIFICATION SHEET	PART NO.	DF62C-24S-2.2C(11)		
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL0544-0541-6-11	⚠2	1/1

FORM HD0011-2-1