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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	29.9 V AC/DC		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 <sup>2</sup> 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°C , 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°C→ +85°C 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		
	1	DIS-H-009091		MI. SAKIMURA	TS. FUKUSHIMA	14. 12. 19		
REMARKS				APPROVED	KI. AKIYAMA	13. 09. 17		
				CHECKED	OM. MIYAMOTO	13. 09. 13		
				DESIGNED	TH. YOSHIZAWA	13. 09. 13		
				DRAWN	MI. SAKIMURA	13. 09. 09		
Unless otherwise specified, refer to IEC 60512.				DRAWING NO.		ELG4-348676-01		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test								
	SPECIFICATION SHEET			PART NO.	DF62C-24S-2.2C(11)			
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL544-0541-6-11		1/1	