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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-2S-2.2C(##) DF62C-2S-2.2C(##)		VOLTAGE	AC/DC 250V		
	UL-C-UL Rating 	Voltage	250 V AC/DC		CURRENT	AWG 22 : 4A/pin AWG 24 : 2A/pin AWG 26-30 : 1A/pin	
Current		AWG 22 : 3A/pin AWG 24 : 2A/pin AWG 26-30 : 1A/pin					
	Operating Temperature range	-35 °C TO +75°C (NOTE1)		APPLICABLE CONTACT	DF62-EP22PC* DF62-EP2428PC* DF62-EP30PC*		
<b>SPECIFICATIONS</b>							
ITEM		TEST METHOD		REQUIREMENTS		QT	AT
<b>CONSTRUCTION</b>							
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.		X	X
MARKING		CONFIRMED VISUALLY.				X	X
<b>ELECTRIC CHARACTERISTICS</b>							
INSULATION RESISTANCE		500 V DC.		1000 MΩ MIN.		X	—
VOLTAGE PROOF		650 V AC FOR 1 min.		NO FLASHOVER OR BREAKDOWN.		X	—
<b>MECHANICAL CHARACTERISTICS</b>							
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	—
<b>ENVIRONMENTAL CHARACTERISTICS</b>							
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	—
NOTE 1: INCLUDE THE TEMPERATURE RISING BY CURRENT. NOTE2:NO CONDENSING NOTE3:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFOR PCB ON BOARD, AFTER PCB ON BOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STRAGE DURING TRANSPORTATION.							
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE	
	1	DIS-H-00019433		RI. GENDA	SZ. ONO	20231121	
REMARKS				APPROVED	KI. AKIYAMA	20130910	
Unless otherwise specified, refer to JIS C 5402.				CHECKED	OM. MIYAMOTO	20130910	
				DESIGNED	TH. YOSHIKAWA	20130909	
				DRAWN	MI. SAKIMURA	20130904	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test				DRAWING NO.		ELC-351963-18-02	
	SPECIFICATION SHEET			PART NO.	DF62B-2EP-2.2C (18)		
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL0544-0558-9-18		1/1