

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

APPLICABLE STANDARD		TEST METHOD		REQUIREMENTS		QT	AT
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-6S-2.2C(##) DF62C-6S-2.2C(##)	VOLTAGE	AC/DC 250V			
APPLICABLE CONTACT	DF62-EP22PC* DF62-EP2428PC* DF62-EP30PC*	CURRENT	AWG 22 : 3A AWG 24 : 2A AWG 26-30 : 1A				
<b>SPECIFICATIONS</b>							
ITEM	TEST METHOD			REQUIREMENTS			
<b>CONSTRUCTION</b>		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.			X X
GENERAL EXAMINATION		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.		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 ms <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.)		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		
REMARKS		UNLESS OTHERWISE SPECIFIED, REFER TO JIS C 5402.		APPROVED	KI. AKIYAMA	13. 05. 24	
				CHECKED	HK. UMEHARA	13. 05. 24	
				DESIGNED	TS. KUMAZAWA	13. 05. 22	
				DRAWN	TS. KUMAZAWA	13. 05. 22	
Note		QT:Qualification Test	AT:Assurance Test	X:Applicable Test	DRAWING NO.	ELC4-351967-00	
<b>HRS</b>		SPECIFICATION SHEET		PART NO.	DF62B-6EP-2. 2C		
		HIROSE ELECTRIC CO., LTD.		CODE NO.	CL544-0562-6-00		