

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	DF62#-24S-2.2C(##)	VOLTAGE	AC/DC 250V			
APPLICABLE CONTACT	DF62-EP22PC* DF62-EP2428PC* DF62-EP30PC*	CURRENT	AWG 22 : 2.5A AWG 24 : 2A AWG 26-30 : 1A				
SPECIFICATIONS							
ITEM	TEST METHOD		REQUIREMENTS				
CONSTRUCTION		GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.	
MARKING	CONFIRMED VISUALLY.						
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.		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°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	-
<p>NOTE 1: INCLUDE THE TEMPERATURE RISING BY CURRENT.</p> <p>NOTE2: NO CONDENSING</p> <p>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.</p>							
△	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE		
REMARKS		APPROVED		KI. AKIYAMA	14.03.10		
		CHECKED		HK. UMEHARA	14.03.10		
		DESIGNED		TS. KUMAZAWA	14.03.07		
		DRAWN		TS. KUMAZAWA	14.03.07		
Unless otherwise specified, refer to IEC 60512.		DRAWING NO.		ELC4-349142-01			
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		PART NO.		DF62P-24EP-2.2C(10)			
HRS		SPECIFICATION SHEET					
HIROSE ELECTRIC CO., LTD.		CODE NO.		CL544-0550-7-10			
FORM HD0011-2-1				1/1			