

APPLICABLE STANDARD							
 1	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		
	UL- C-UL RATING	VOLTAGE	250 V AC/DC	    	AWG 22 : 3A/pin AWG 24 : 2A/pin AWG 26-30 : 1A/pin		
	CURRENT	AWG 22 : 3A/pin AWG 24 : 2A/pin AWG 26-30 : 1A/pin					
-35 °C TO +75°C (NOTE1)			APPLICABLE CONTACT	DF62-EP22PC* DF62-EP2428PC* DF62-EP30PC*			
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.)			① INSULATION RESISTANCE: 1000 MΩ MIN. ② NO 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.)				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 20130524		
				CHECKED	HK. UMEHARA 20130524		
				DESIGNED	TS. KUMAZAWA 20130522		
				DRAWN	TS. KUMAZAWA 20130522		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-351967-00-00		
	SPECIFICATION SHEET		PART NO.	DF62B-6EP-2.2C			
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL0544-0562-6-00	 1/1		