

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#-3S-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																
SPECIFICATIONS																			
ITEM	TEST METHOD		REQUIREMENTS				QT	AT											
CONSTRUCTION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.				X	X										
GENERAL EXAMINATION		CONFIRMED VISUALLY.						X	X										
MARKING								X	X										
ELECTRIC CHARACTERISTICS																			
CONTACT RESISTANCE	20mV MAX, 1mA (DC or 1000Hz)	30 mΩ MAX.						X	-										
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.		①CONTACT RESISTANCE: 30 mΩ MAX. ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.				X	-											
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 10 CYCLES FOR 3 DIRECTION.		①NO ELECTRICAL DISCONTINUITY OF 1 μs. ②NO 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.		①NO ELECTRICAL DISCONTINUITY OF 1 μs. ②NO 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.)		①CONTACT RESISTANCE: 30 mΩ MAX. ②INSULATION RESISTANCE: 1000 MΩ MIN. ③NO 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.)		①CONTACT RESISTANCE: 30 mΩ MAX. ②INSULATION RESISTANCE: 1000 MΩ MIN. ③NO 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 BEFORE 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		<table border="1"> <tr> <td>APPROVED</td> <td>KI, AKIYAMA</td> <td>13.12.24</td> </tr> <tr> <td>CHECKED</td> <td>OM, MIYAMOTO</td> <td>13.12.24</td> </tr> <tr> <td>DESIGNED</td> <td>TH, YOSHI ZAMA</td> <td>13.12.24</td> </tr> <tr> <td>DRAWN</td> <td>TH, YOSHI ZAMA</td> <td>13.12.24</td> </tr> </table>						APPROVED	KI, AKIYAMA	13.12.24	CHECKED	OM, MIYAMOTO	13.12.24	DESIGNED	TH, YOSHI ZAMA	13.12.24	DRAWN	TH, YOSHI ZAMA	13.12.24
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Unless otherwise specified, refer to JIS C 5402.																			
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.		ELC4-349136-00															
HRS		SPECIFICATION SHEET		PART NO.		DF62P-3EP-2. 2C													
		HIROSE ELECTRIC CO., LTD.		CODE NO.		CL544-0544-4-00													
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