



APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-35 °C TO +85°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)
	VOLTAGE	350 V AC/DC	APPLICABLE CONNECTOR	DF61-2P-2.2V(##)
	CURRENT 	AWG28 : 3.0A AWG26 : 3.2A AWG24 : 4.0A AWG22 : 5.0A	INSULATION DIAMETER APPLICABLE CONTACT 	AWG26 TO 30: $\phi$ 0.7~1.3 mm DF61-2628SCF DF61-2226SCF

### SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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#### 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 M $\Omega$ MIN.	X	—
VOLTAGE PROOF	1700 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.		X	—
SHOCK	490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.		X	—

#### ENVIRONMENTAL CHARACTERISTICS

DAMP HEAT (STEADY STATE)	EXPOSED AT 40 $\pm$ 2 °C, 90 TO 95 %, 96 h. (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.)	① INSULATION RESISTANCE: 500M $\Omega$ MIN ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 $\rightarrow$ +85°C TIME 30 $\rightarrow$ 30min. UNDER 5 CYCLES. (THE TRANSFERRING TIME OF THE TANK IS 2~3 min) (AFTER LEAVING THE ROOM TEMPERATURE FOR 1~2h.)		X	—


#### REMARKS

NOTE 1: INCLUDE THE TEMPERATURE RISE BY CURRENT.

NOTE 2: NO CONDENSING



NOTE 3: APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD.

AFTER PCB BOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
 2	DIS-H-007811	ST. SATO	HK. UMEHARA	13. 04. 05
		APPROVED	KI. AKIYAMA	13. 01. 22
		CHECKED	TS. KUMAZAWA	13. 01. 22
		DESIGNED	ST. SATO	13. 01. 19
		DRAWN	ST. SATO	13. 01. 19

UNLESS OTHERWISE SPECIFIED, REFER TO JIS C 5402.

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-336116-07
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	SPECIFICATION SHEET	PART NO.	DF61-2S-2.2C (12)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL666-5002-4-12	 1/1