Applicable standard				
Rating	Operating Temperature range	-40 °C to +105°C (Note1)	Storage Temperature range	-10 °C to +60°C (Note2)
	Operating Humidity range	20% to 80%	Storage Humidity range	40% to 70% (Note2)
	Applicable Connector	DF62W#-※S-2.2C(%%)	Voltage	AC/DC 250V
	1 Applicable contact	DF62W-**PC**	1 Current	AWG 22 : 3A AWG 24 : 2A AWG 26 to 30 : 1A
	1 Applicable insulation diameter	φ0.98 to φ1.2mm		

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^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℃ , 90 to 95 %, 96 h. (After leaving the room temperature for 1 - 2h.)	①Insulation resistance: 1000 MΩ Min. ②No damage, crack or looseness of parts.	X	–
Rapid change of temperature	Temperature -55℃→ +85℃ 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.
Note 2: 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
1	3	DIS-H-00002809	YK. YAMAGUCHI	TS. FUKUSHIMA	17. 05. 11

Remarks

Unless otherwise specified, refer to IEC 60512.

Approved	HS. OKAWA	17. 03. 23
Checked	TS. FUKUSHIMA	17. 03. 22
Designed	YK. YAMAGUCHI	17. 03. 21
Drawn	MI. SAKIMURA	17. 03. 21

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

HRS	Specification sheet	Drawing No.	ELC-370676-00-00
		Part No.	DF62WC-9EP-2. 2C
	HIROSE ELECTRIC CO., LTD.	Code No.	CL544-1037-0-00 1 1/1

FORM HD0011-2-1