


Applicable standard					
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	DF62B-6EP-2.2C(##)	Voltage	AC/DC 250V	
	Applicable contact	DF62-22SC* DF62-2428SC* DF62-30SC*	Current	AWG 22 : 3A AWG 24 : 2A AWG 26-30 : 1A	
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°C , 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°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	-
Note 1: Include the temperature rising by current. Note 2: No condensing Note 3: Apply to the condition of long term storage for unused products before inserting terminal. After inserting terminal, operating temperature and humidity range is applied for interim storage during transportation.					
△	Count	Description of revisions	Designed	Checked	Date
Remarks					
Unless otherwise specified, refer to IEC 60512.					
Note QT:Qualification Test		AT:Assurance Test		X:Applicable Test	
		Specification sheet		DF62C-6S-2.2C(18)	
		HIROSE ELECTRIC CO., LTD.		Code No. CL544-0569-5-18	
Drawing No.		ELC4-351974-02			
Approved		K.I. AKIYAMA		14.06.06	
Checked		T.S. FUKUSHIMA		14.06.06	
Designed		T.S. KUMAZAWA		14.06.06	
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