






Applicable standard				
Rating	Operating temperature range	-40 °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	DF62W-2S-2.2C(##)	Voltage	AC/DC 250V
	Applicable contact 	DF62W-EP2022PC* DF62W-EP2226PC*	Current 	AWG20 : 5A/pin AWG22 : 4A/pin AWG24 : 3.5A/pin AWG26 : 3A/pin

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.		X	-
Shock	490 m/s ² duration of pulse 11 ms at 3 times each for 3 both axial directions.		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.
 Note 2: No condensing.
 Note 3: Apply to the packaged and unused product.



Count	Description of revisions	Designed	Checked	Date
 3	DIS-H-00015658	HT. SATO	SZ. ONO	20221014
Remarks Unless otherwise specified, refer to IEC 60512.		Approved	KI. AKIYAMA	20131115
		Checked	MN. KENJO	20131114
		Designed	TO. HORII	20131114
		Drawn	TO. HORII	20131114
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		Drawing No.	ELC-353518-00-00	
	Specification sheet	Part No.	DF62W-2EP-2. 2C	
	HIROSE ELECTRIC CO., LTD.	Code No.	CL0544-1003-0-00	 1/1