

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-*EP-2.2C(##)	Voltage	AC/DC 250V	
	Applicable cable	UL1007 : AWG22-24 UL1430 : AWG26	Current 	AWG 22 : 4A/pin AWG 24 : 3.5A/pin AWG 26 : 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					
Contact resistance		20mV MAX, 1mA (DC or 1000Hz).		30 mΩ MAX.	X -
Mechanical characteristics					
Mechanical operation		30 times insertion and extraction.		1)Contact resistance: 30 mΩ MAX. 2)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.		1)No electrical discontinuity of 1 μs. 2)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.			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)Contact resistance: 30 mΩ MAX. 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
	2	DIS-H-00015722	HT. SATO	SZ. ONO	20221017
Remarks				Approved	20150824
				Checked	20150824
				Designed	20150824
				Drawn	20150824
Unless otherwise specified, refer to IEC 60512.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			Drawing No.		ELC-353733-00-00
	Specification sheet		Part No.	DF62W-EP2226PC	
	HIROSE ELECTRIC CO., LTD.		Code No.	CL0544-1013-3-00	 1/1