

Applicable standard		Specifications					
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	1) DF62W-*EP-2.2C(##) 2) DF62WC-*EP-2.2C(##)		Voltage	250V AC/DC		
	Applicable cable	Applicable connector	Current 		AWG 22 : 4A/pin		
		1)			AWG 24 : 3.5A/pin		
		2)			AWG 26 : 3A/pin		
	Applicable Insulation diameter	Applicable connector					
		1)	ϕ 1.4 to 1.6mm				
		2)	ϕ 0.98 to 1.2mm				
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 μ s. 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.		1)No electrical discontinuity of 1 μ s. 2)No damage, crack or looseness of parts.		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)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.)		1)Contact resistance: 30 mΩ MAX. 2)No damage, crack or looseness of parts.		X -		
Remarks	<p>Note 1: Include the temperature rising by current. Note 2: No condensing. Note 3: Apply to the packaged and unused product. </p>						
Count		Description of revisions		Designed	Checked		
 2		DIS-H-00015722		HT. SATO	SZ. ONO		
				Approved	OM. MIYAMOTO		
				Checked	OM. MIYAMOTO		
				Designed	TO. HORII		
				Drawn	TO. HORII		
Unless otherwise specified, refer to IEC 60512.							
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			Drawing No.		ELC-353516-00-00		
	Specification sheet		Part No.	DF62W-EP2226PCF			
	HIROSE ELECTRIC CO., LTD.		Code No.	CL0544-1001-4-00	 1/1		