

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	1) DF62W-*S-2.2C(##) 2) DF62WC-*S-2.2C(##)		Voltage	250V AC/DC	
	Applicable cable	Applicable connector		AWG 22 : 4A/pin AWG 24 : 3.5A/pin AWG 26 : 3A/pin		
		1)				UL1007 AWG#22 to 24 UL1430 AWG#24 to 26
		2)				UL1061 AWG#24 to 26
Applicable Insulation diameter	Applicable connector					
	1)	φ 1.4 to 1.6mm				
	2)	φ 0.98 to 1.2mm				
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						
Contact resistance		20mV MAX, 1mA (DC or 1000Hz).		30 mΩ MAX.	X -	
Mechanical characteristics						
Contact insertion and Extraction forces		T=0.44±0.002mm by steel gauge.		Insertion force 2.8N MAX Extraction force 0.15N MIN.	X -	
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.		1)No electrical discontinuity of 1 μs. 2)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.)		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						
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-00015660	HT. SATO	SZ. ONO	20221017	
Remarks				Approved	OM. MIYAMOTO	20131114
				Checked	OM. MIYAMOTO	20131114
				Designed	TO. HORII	20131114
				Drawn	TO. HORII	20131114
Unless otherwise specified, refer to IEC 60512.						
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			Drawing No.		ELC-353515-00-00	
	Specification sheet		Part No.	DF62W-2226SCF		
	HIROSE ELECTRIC CO., LTD.		Code No.	CL0544-1000-1-00	 1/1	