






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)			
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 Unless otherwise specified, refer to IEC 60512.			Approved	OM. MIYAMOTO	20131114
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			Designed	TO. HORII	20131114
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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