

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-*S-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						
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 <sup>2</sup> 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		
 2	DIS-H-00015660		HT. SATO	SZ. ONO		
Remarks			Approved	KI. AKIYAMA		
			Checked	TS. FUKUSHIMA		
			Designed	YK. YAMAGUCHI		
Unless otherwise specified, refer to IEC 60512.			Drawn	MI. SAKIMURA		
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			Drawing No.		ELC-353732-00-00	
	Specification sheet		Part No.	DF62W-2226SC		
	HIROSE ELECTRIC CO., LTD.		Code No.	CL0544-1012-0-00	 1/1	