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 ⚠4	1) DF62W(Z)-*EP-2.2C(##) 2) DF62W(Z)C-*EP-2.2C(##)		Voltage	250V AC/DC
	Applicable cable	Applicable connector		Current	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)	ϕ1.4 to 1.6mm		
		2)	ϕ0.98 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				
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℃ , 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℃→ +85℃ 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
⚠4	1	DIS-H-00022422	YT.NIITSUMA	HT.SATO	20250207

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-353516-00-00

HRS	Specification sheet	Part No.	DF62W-EP2226PCF	
	HIROSE ELECTRIC CO., LTD.	Code No.	CL0544-1001-4-00 ⚠4	1/1

FORM HD0011-2-1