






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(Z)-*EP-2.2C(##)	Voltage	AC/DC 250V
	Applicable cable	UL3443 AWG#20(Insulation diameter φ 1.53mm)	Current	AWG#20 : 5 A/pin AWG#22 : 4 A/pin
	UL1007 AWG#22(Insulation diameter φ 1.58mm)			

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	50 times insertion and extraction.	①Contact resistance: 30 mΩ MAX. ②No damage, crack or looseness of parts.	X	-
Vibration	Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 10 cycles for 3 direction.	①No electrical discontinuity of 1 μs. ②No 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.	①No electrical discontinuity of 1 μs. ②No 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.)	①Contact resistance: 30 mΩ MAX. ②No 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.)	①Contact resistance: 30 mΩ MAX. ②No damage, crack or looseness of parts.	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	Date
 2	DIS-H-00022422	YT. NIITSUMA	HT. SATO	20250207
Remarks		Approved	HS. OKAWA	20170607
		Checked	TS. FUKUSHIMA	20170607
		Designed	HT. SATO	20170606
		Drawn	MI. SAKIMURA	20170606
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		Drawing No.	ELC-372897-00-00	
	Specification sheet	Part No.	DF62W-EP2022PCA	
	HIROSE ELECTRIC CO., LTD.	Code No.	CL0544-1043-0-00	 1/1