





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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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(##)				Applicable contact				DF62W-EP2022PC* DF62W-EP2226PC*						
	Voltage	250 V AC/DC				UL C-UL Rating 	Voltage				250 V AC/DC					
	Current 	Contact	AWG#20	AWG#22	AWG#24		AWG#26	Current	Contact	AWG#20	AWG#22	AWG#24	AWG#26			
	2	5A/pin	4A/pin	3.5A/pin	3A/pin			2	5A/pin	4A/pin	3.5A/pin	3A/pin				
	3	4A/pin	4A/pin	3.5A/pin	3A/pin			3	4A/pin	4A/pin	3.5A/pin	3A/pin				
	4	4A/pin	3.5A/pin	3A/pin	2.5A/pin			4	4A/pin	3.5A/pin	3A/pin	2.5A/pin				
	6	3.5A/pin	3A/pin	2.5A/pin	2A/pin		6	3.5A/pin	3A/pin	2.5A/pin	2A/pin					
	9	3.5A/pin	3A/pin	2.5A/pin	2A/pin		9	3.5A/pin	3A/pin	2.5A/pin	2A/pin					
Specifications																
Item	Test method				Requirements				QT	AT						
<b>Construction</b>																
General examination	Visually and by measuring instrument.				According to drawing.				X	X						
Marking	Confirmed visually.								X	X						
<b>Electric characteristics</b>																
Insulation resistance	500 V DC.				1000 MΩ MIN.				X	-						
Voltage proof	650 V AC for 1 min.				No flashover or breakdown.				X	-						
<b>Mechanical characteristics</b>																
Mechanical operation	30 times insertion and extraction.				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.								X	-						
Shock	490 m/s <sup>2</sup> duration of pulse 11 ms at 3 times each for 3 both axial directions.								X	-						
<b>Environmental characteristics</b>																
Damp heat (Steady state)	Exposed at 40 ± 2°C , 90 to 95 %, 96 h. (After leaving the room temperature for 1-2h.)				1)Insulation resistance: 1000 MΩ Min. 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			Date					
	2	DIS-H-00023099			YT. NIITSUMA			HT. SATO			20250627					
Remarks							Approved	SJ. OKAMURA			20250129					
							Checked	HT. SATO			20250129					
Unless otherwise specified, refer to IEC 60512.							Designed	YT. NIITSUMA			20250129					
							Drawn	SK. CHIBA			20250129					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					Drawing No.			ELC-408878-00-00								
<b>HRS</b>	Specification sheet				Part No.	DF62WZ-EP-2. 2C										
	HIROSE ELECTRIC CO., LTD.				Code No.	CL544				1/1						