




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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 	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)	φ 1.4 to 1.6mm				
	2)	φ 0.98 to 1.2mm				
<b>Specifications</b>						
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>						
Contact resistance	20mV MAX, 1mA (DC or 1000Hz).			30 mΩ MAX.	X	-
<b>Mechanical characteristics</b>						
Mechanical operation	50 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.			1)No electrical discontinuity of 1 μs. 2)No damage, crack or looseness of parts.	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)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	
	1	DIS-H-00022422	YT. NIITSUMA	HT. SATO	20250207	
Unless otherwise specified, refer to IEC 60512.				Approved	KI. AKIYAMA	20151214
				Checked	TS. FUKUSHIMA	20151214
				Designed	YK. YAMAGUCHI	20151211
				Drawn	MI. SAKIMURA	20151211
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			Drawing No.	ELC-364716-00-00		
<b>HRS</b>	Specification sheet		Part No.	DF62W-EP2226PCFA		
	HIROSE ELECTRIC CO., LTD.		Code No.	CL0544-1026-0-00		1/1