

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

Applicable standard		-40 °C to +105°C (Note1)		Storage Temperature range		-10 °C to +60°C (Note3)	
Operating Temperature range				Temperature range			
Operating Humidity range		20% to 80% (Note2)		Storage Humidity range		40% to 70% (Note3)	
Applicable Connector		DF62W-9EP-2-2C(##)		Voltage		AC/DC 250V	
Applicable contact		DF62W-2226SC*		Current		AWG 22 : 3A AWG 24 : 2A AWG 26 : 1A	
Specifications							
Item	Test method			Requirements			
Construction		Visually and by measuring instrument.		According to drawing.			
General examination		Confirmed visually.					
Marking							
Electric characteristics		②					
Insulation resistance		500 V DC.		1000 MΩ MIN.			
Voltage proof		650 V AC for 1 min.		No flashover or breakdown.			
Mechanical characteristics		②					
Mechanical operation		30 times insertion and extraction.		No damage, crack or looseness of parts.			
Vibration		Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 10 cycles for 3 direction.		No damage, crack or looseness of parts.			
Shock		490 m/s <sup>2</sup> duration of pulse 11 ms at 3 times each for 3 both axial directions.		No damage, crack or looseness of parts.			
Environmental characteristics		②					
Damp heat (Steady state)		Exposed at 40 ± 2°C , 90 to 95 % , 96 h (After leaving the room temperature for 1~2h.)		①Insulation resistance: 1000 MΩ Min. 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.)		①Insulation resistance: 1000 MΩ Min. ②No damage, crack or looseness of parts.		X - -	
<p>Note 1: Include the temperature rising by current.</p> <p>Note 2: No condensing</p> <p>Note 3: Apply to the condition of long term storage for unused products before PCB on board. After PCB on board, operating temperature and humidity range is applied for interim storage during transportation.</p>							
Count		Description of revisions		Designed		Checked	
③		D1S-H-008782		KT. ISHII		HK. UMEHARA	
Remarks				Approved		KI. AKIYAMA	
				Checked		MM. KENJOU	
				Designed		TO. HORII	
				Drawn		TO. HORII	
Unless otherwise specified, refer to IEC 60512.						14.01.15 14.01.15 14.01.15	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		Drawing No.		ELC4-353729-00			
<b>HRS</b>		Specification sheet		Part No.		DF62W-9S-2.2C	
		HIROSE ELECTRIC CO., LTD.		Code No.		CL544-1010-5-00	
FORM HD0011-2-1						③ 1/1	