

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-2EP-2.2C(##)	Voltage	AC/DC 250V		
	Applicable contact 	DF62W-2022SC* DF62W-2226SC*	Current 	AWG20 : 5A/pin AWG22 : 4A/pin AWG24 : 3.5A/pin AWG26 : 3A/pin		
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						
Insulation resistance		500 V DC.		1000 MΩ MIN.	X	—
Voltage proof		650 V AC for 1 min.		No flashover or breakdown.	X	—
Mechanical characteristics						
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 ² duration of pulse 11 ms at 3 times each for 3 both axial directions.			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.)		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	
	3	DIS-H-00015658	HT. SATO	SZ. ONO	20221014	
Remarks Unless otherwise specified, refer to IEC 60512.				Approved	KI. AKIYAMA	20131115
				Checked	MN. KENJO	20131114
				Designed	TO. HORII	20131114
				Drawn	TO. HORII	20131114
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			Drawing No.		ELC-353517-00-00	
	Specification sheet		Part No.	DF62W-2S-2. 2C		
	HIROSE ELECTRIC CO., LTD.		Code No.	CL0544-1002-7-00		1/1