








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 <sup>2</sup> 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	20131115
				Checked	20131114
				Designed	20131114
				Drawn	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