




Applicable standard					
Rating	Operating temperature range	-40°C to +105°C (Note 1)	Storage temperature range	-10°C to + 60°C (Note 3)	
	Operating humidity range	20 % to 80 % (Note 2)	Storage humidity range	40 % to 70 % (Note 3)	
	Applicable Connector	DF62W-2S-2. 2C (##) DF62W-3S-2. 2C (##) DF62W-4S-2. 2C (##) DF62W-6S-2. 2C (##)	Voltage	250V AC/DC	
	Applicable Contact	DF62W-EP2022PC* DF62W-EP2226PC*	Current	AWG#20 5A (2 pos.) 3.5A (3 to 9 pos.) AWG#22 4A (2 pos.) 3A (3 to 9 pos.) AWG#24 3.5A (2 pos.) 2A (3 to 9 pos.) AWG#26 3A (2 pos.) 1A (3 to 9 pos.)	
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		500V DC.	1000MΩ MIN.	X	—
Voltage proof		650V AC for 1 min.	No flashover or breakdown.	X	—
Mechanical characteristics					
Mechanical operation		30times insertions and extractions.	No damage, crack or looseness of parts.	X	—
Vibration		Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 10 cycles for each, for 3 directions.		X	—
Shock		490 m/s ² duration of pulse 11 ms At 3 times for 3 directions.		X	—
Engagement retention force		It takes out and inserts with a conformity connector.	30 N MIN	X	—
Environmental characteristics					
Damp heat (Steady state)		Exposed at 40 ± 2 °c, 90 to 95 %, 96 h.	① Insulation resistance: 1000MΩ MIN. ② No damage, crack or looseness of parts.	X	—
Rapid change of temperature		Temperature -55→+85°C Time 30→ 30min. Under 5 cycles. (The transferring time of the tank is 2 to 3 min)	① Insulation resistance: 1000MΩ MIN. 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 packed condition.					
	Count	Description of revisions	Designed	Checked	Date
	0				
 Unless otherwise specific , refer to IEC 60512.			Approved	SJ. OKAMURA	20210803
			Checked	TT. OHSAKO	20210803
			Designed	YK. YAMAGUCHI	2021080320210803
			Drawn	YK. YAMAGUCHI	20210803
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			Drawing No.		ELC-390971-00-00
	Specification sheet		Part No.	DF62WP-3/4/6/2EP-2. 2C	
	Hirose electric co., ltd.		Code No.	CL0544-1056-0-00	 1/1