





Applicable standard					
Rating	Operating temperature range		-35 °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		DF62#-4S-2.2C(##)	Voltage	250V AC/DC
	UL・C-UL Rating 	Voltage	250 V AC/DC	Current	AWG 22 : 3A/pin AWG 24 : 2A/pin AWG 26-30 : 1A/pin
		Current	AWG 22 : 3A/pin AWG 24 : 2A/pin AWG 26-30 : 1A/pin		
		Operating Temperature range	-35 °C TO +75°C (NOTE1)	Applicable contact	DF62-EP22PC* DF62-EP2428PC* DF62-EP30PC*
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.		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.		No damage, crack or looseness of parts.	X —
Environmental characteristics					
Damp heat (Steady state)		Exposed at 40 ± 2°C , 90 to 95 %, 96 h. (after leaving the room temperature for 1 to 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 to 3 min) (After leaving the room temperature for 1 to 2h.)		①Insulation resistance: 1000 MΩ min. ②No damage, crack or looseness of parts.	X —
Note 1: Include the temperature rising by current. Note2:No condensing Note3: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 strage during transportation.					
	Count	Description of revisions	Designed	Checked	Date
	1	DIS-H-00019490	RI. GENDA	SZ. ONO	20231206
Remarks Unless otherwise specifid , refer to IEC 60512.				Approved	HS. OKAWA 20170301
				Checked	HS. OKAWA 20170301
				Designed	YK. YAMAGUCHI 20170301
				Drawn	YK. YAMAGUCHI 20170301
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			Drawing No.		ELC-349137-18-00
	SPECIFICATION SHEET		Part No.	DF62P-4EP-2. 2C (18)	
	HIROSE ELECTRIC CO., LTD.		Code No.	CL0544-0545-7-18	 1/1