

In case of consideration for using Autom otive equipm ent/device which dem and high reliability, kindly contactour sales w indow correspondents.

Applicable standard			
Rating	Operating Temperature range	-35 °C TO +105°C (NOTE1)	Storage Temperature range
	Operating Humidity range	20% TO 80% (NOTE2)	Storage Humidity range
	Applicable Connector	DF62B-13S-2-2C(##) DF62C-13S-2-2C(##)	Voltage
	Applicable contact	DF62-EP22PC* DF62-EP2428PC* DF62-EP30PC*	Current
		AC/DC 250V	AWG 22 : 3A AWG 24 : 2A AWG 26-30 : 1A

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 ² 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—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	—

Count	Description of revisions	Designed	Checked	Date
△				

Note 1: Include the temperature rising by current.
 Note 2: No condensing
 Note 3: Apply to the condition of long term storage for unused products before inserting terminal. After inserting terminal, operating temperature and humidity range is applied for interim storage during transportation.

Remarks				
Unless otherwise specified, refer to IEC 60512.				
Note QT:Qualification Test		AT:Assurance Test	X:Applicable Test	

HRS	Specification sheet	Part No.	DF62B-13EP-2. 2C(18)	
	HIROSE ELECTRIC CO., LTD.	Code No.	CL544-0564-1-18	

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QT	AT	ELC4-351969-02
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