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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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-2S-2.2C(##)	Voltage	AC/DC 250V
	Applicable contact ③	DF62W-EP2022PC* DF62W-EP2226PC*	Current ③	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℃ , 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℃→ +85℃ 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. ③

	Count	Description of revisions	Designed	Checked	Date
③	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-353518-00-00

HRS	Specification sheet	Part No.	DF62W-2EP-2.2C	
	HIROSE ELECTRIC CO., LTD.	Code No.	CL0544-1003-0-00 ③	1/1

FORM HD0011-2-1