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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-*EP-2.2C(##)	Voltage	AC/DC 250V
	Applicable cable	UL1007 : AWG22-24 UL1430 : AWG26	Current △1	AWG 22 : 4A/pin AWG 24 : 3.5A/pin AWG 26 : 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				
Contact resistance	20mV MAX, 1mA (DC or 1000Hz).	30 mΩ MAX.	X	—
Mechanical characteristics				
Mechanical operation	30 times insertion and extraction.	1)Contact resistance: 30 mΩ MAX. 2)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.	1)No electrical discontinuity of 1 μs. 2)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.		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)Contact resistance: 30 mΩ MAX. 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. △1

	Count	Description of revisions	Designed	Checked	Date
△1	2	DIS-H-00015722	HT. SATO	SZ. ONO	20221017

Remarks

Unless otherwise specified, refer to IEC 60512.

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Note QT:Qualification Test AT:Assurance Test X:Applicable Test

		Drawing No.	ELC-353733-00-00	
HRS	Specification sheet	Part No.	DF62W-EP2226PC	
	HIROSE ELECTRIC CO., LTD.	Code No.	CL0544-1013-3-00 △1	1/1

FORM HD0011-2-1