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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	-35°C to +85°C(Note 1)	Storage temperature range	-10°C to +60°C(Note3)
	Operating humidity range	20 % to 80 % (Note 2)	Storage humidity range	40 % to 70 %(Note3)
	Voltage	150 V AC/DC	Current	1.0A/pin
	Applicable Connector	DF13E(A)-*DP-1.25V(##)	Applicable Contact	DF13-2630SCF DF13-2630SCFA(04) DF13G-2630SCF(A) DF13-3032SCF(A)

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	100 V DC.	500 MΩ min.	X	—
Voltage proof	500 V AC for 1 min.	No flashover or breakdown.	X	—
Mechanical characteristics				
Mechanical operation	50 times insertions and extractions.	No damage, crack or looseness of parts.	X	—
Vibration	Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 2 h, for 3 directions.		X	—
Shock	490 m/s^2 duration of pulse 11 ms at 3 times for 3 directions.		X	—
Environmental characteristics				
Rapid change of temperature	Temperature -55→ 15 to 35→+85→ 15 to 35 °c Time 30→ 2 to 3 → 30→ 2 to 3 min. Under 5 cycles.	1) Insulation resistance: 500 MΩ min. 2) No damage, crack or looseness of parts.	X	—
Damp heat (Steady state)	Exposed at 40 ± 2 °c, 90 to 95 %, 96 h.		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 specified, refer to IEC60512.	Approved	SJ. OKAMURA	20211217
	Checked	SZ. ONO	20211217
	Designed	HT. SATO	20211217
	Drawn	SK. CHIBA	20211217

Note QT:Qualification Test AT:Assurance Test X:Applicable Test		Drawing no.	ELC-160109-10-00
HRS	Specification sheet	Part no.	DF13-*DS-1.25C(10)
	Hirose electric co., ltd.	Code no.	CL536 0 1/1

FORM HD0011-2-1