Applicable standard				
Rating	Operating temperature range	-35°C to + 85°C(Note 1)	Storage temperature range	-10°C to + 60°C(Note 3)
	Operating humidity range	40% to + 80%(Note 2)	Storage humidity range	40% to + 70%(Note 3)
	Voltage	150V AC/DC	Applicable socket	DF14-*S-1.25C(##)
	Operating temperature range	1A	Applicable cable	26-28 AWG
			Insulation diameter	ϕ0.54-1.0 mm

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	100mA (DC or 1000 Hz).	30mΩ MAX.	X	—
Mechanical characteristics				
Contact insertion and extraction forces	□0.3 $^{+0}_{-0.005}$ mm by steel gauge.	Insertion force 3 N MAX. Extraction force 0.15 N MIN. ⚠1	X	—
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 each, for 3 directions.	① No electrical discontinuity of 1μs. ② No damage, crack or looseness of parts.	X	—
Shock	490 m/s² duration of pulse 11 ms at 3 times for 3 directions.		X	—
Environmental characteristics				
Damp heat (Steady state)	Exposed at 40±2 °C, 90 to 95 %, 96 h.	① Contact resistance: 30mΩ MAX. ② No damage, crack or looseness of parts.	X	—
Rapid change of temperature	Temperature -55 °C→ +85 °C Time 30 min→ 30 min Under 5 Cycles. (The transferring time of the tank is 2 to 3 min) (After leaving the room temperature for 1 to 2h.)		X	—

Remarks
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 mounted on PCB.
After mounted on PCB, operation temperature and humidity range is applied for interim storage during transportation.

	Count	Description of revisions	Designed	Checked	Date
⚠1	2	DIS-H-00003600	HK. HAYASHI	TS. FUKUSHIMA	18. 03. 06

⚠1 Format change

Approved	KJ. KATAYOSE	05. 01. 05
Checked	TY. OMA	05. 01. 05
Designed	TS. KUMAZAWA	05. 01. 05
Drawn	TS. KUMAZAWA	05. 01. 05

Unless otherwise specified, refer to IEC 60512.

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

Drawing No. ELC-160216-00-00

HRS	Specification sheet	Part no.	DF14-2628SCF	
	Hirose electric co., ltd.	Code no.	CL538-0001-7-00	⚠1 1/1

FORM HD0011-2-1