



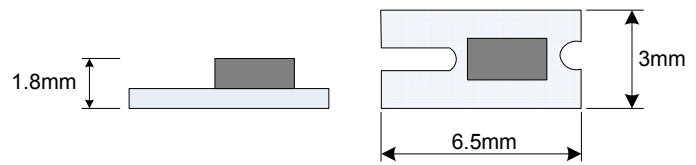
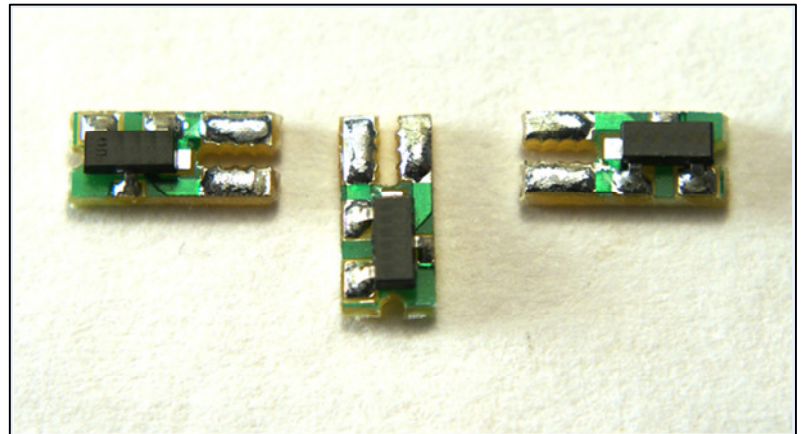
SKTY Series Linear Silicon PTCs

Applications

- Air conditioning systems
- Industrial electronics
- Automotive electronics

Features

- Fast response
- Accuracy $\pm 1\%$ at 25°C
- Excellent long-term stability
- Linear Output
- SMD mounted on p.c.b.
- Temperature range -50°C/+150°C



Max. Voltage at 25°C (t<10ms)	Vopmax	25	V
Resistance Tolerance (25°C)	ΔR	± 1	%
Operating temperature range	Top	-50/+150	°C
Max operating current	Iopmax	5	mA
Peak operating current	Iopp	7	mA

Order Code	R25 Ω	R25 Tolerance %
SKTY102P-1P	1k	1
SKTY202P-2P	2k	1

R/T Multiplier – To find the resistance (Rt) of a given PTC at a particular temperature (t), multiply its R25 value by the relevant Rt/R25 factor below. Note, the values listed below are approximate only.

Temperature (t)	Rt/R25
0°C	0.80
25°C	1.00
50°C	1.20
70°C	1.40
100°C	1.70