

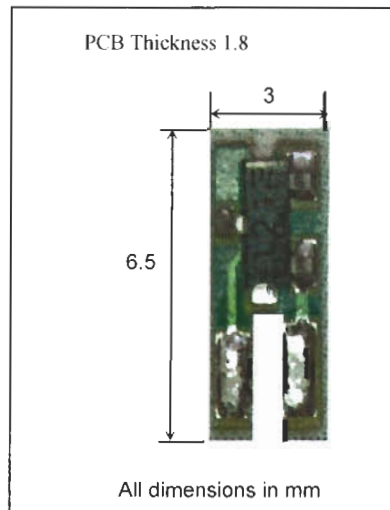
SKTY Series Linear Silicon PTCs

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)	<i>Vopmax</i>	25	V
Resistance tolerance (25°C)	ΔR	± 1	%
Operating temperature range	<i>Top</i>	-50/+150	°C
Max operating current	<i>lopmax</i>	5	mA
Peak operating current	<i>lopp</i>	7	mA

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

R/T Multiplier - To find the resistance (R_t) of a given PTC at a particular temperature (t), multiply it's R25 value by the relevant R_t/R_{25} factor below. Note, the values given below are approximate only.

Temperature (t)	R_t/R_{25}
0°C	0.80
25°C	1.00
50°C	1.20
70°C	1.40
100°C	1.70