

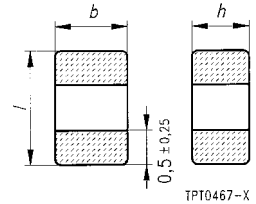
80 V, 120 °C

Applications

- Overcurrent protection
- Time delay
- Current stabilization

Features

- Thermistor chip with silver terminations
- Small size
- Short response times
- Suitable for reflow soldering, also for conductive adhesion
- Suitable for automatic placement
- Available on tape (standard delivery mode)



Termination

Dimensions (mm)
Tolerances (*l*, *b*, *h*) ± 0,2 mm

Type	<i>l</i>	<i>b</i>	<i>h</i>	Size
A 1607	3,2	2,5	1,7	1210
A 1707	3,2	2,5	1,7	1210

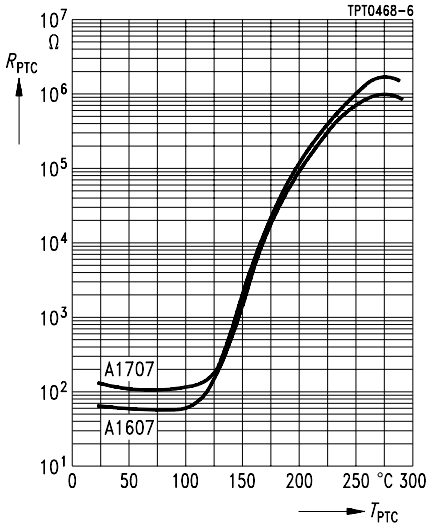
Switching cycles (typ.)	<i>N</i>	100	
Reference temperature	<i>T</i> _{Ref}	120	°C
PTC temperature (<i>V</i> = <i>V</i> _{max})	<i>T</i> _{PTC}	190	°C
Resistance tolerance	ΔR_N	± 25 %	
Operating temperature range (<i>V</i> = 0)	<i>T</i> _{op}	- 40/+ 125	°C
	<i>T</i> _{op}	0/60	°C

Type	<i>I</i> _N ¹⁾ mA	<i>I</i> _S ¹⁾ mA	<i>I</i> _{Smax} (<i>V</i> = <i>V</i> _{max}) A	<i>R</i> _N Ω	<i>R</i> _{min} Ω	<i>t</i> _S s	Ordering code
<i>V</i> _{max} = 80 V, <i>V</i> _N = 63 V							
A 1707	45	90	0,3	125	75	< 2,5	B59707-A1120-A62
<i>V</i> _{max} = 30 V, <i>V</i> _N = 24 V							
A 1607	65	130	0,4	55	30	< 5,0	B59607-A1120-A62

¹⁾ Measured peak-to-peak

Characteristics (typical)

PTC resistance R_{PTC} versus
PTC temperature T_{PTC}
(measured at low signal voltage)



Rated current I_N versus ambient temperature T_A
(measured in still air)

