

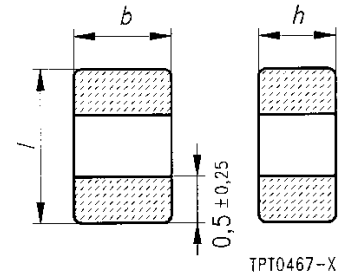
80 V, 120 °C

**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)



TPT0467-X

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

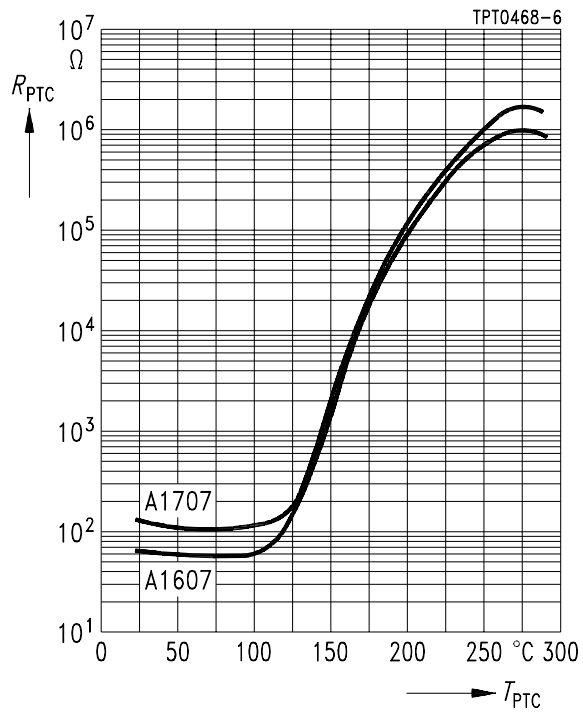
Switching cycles (typ.)	<i>N</i>	100	
Reference temperature	<i>T<sub>Ref</sub></i>	120	°C
PTC temperature ( <i>V = V<sub>max</sub></i> )	<i>T<sub>PTC</sub></i>	190	°C
Resistance tolerance	$\Delta R_N$	± 25 %	
Operating temperature range ( <i>V = 0</i> )	<i>T<sub>op</sub></i>	- 40/+ 125	°C
( <i>V = V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

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

<sup>1)</sup> 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)

