

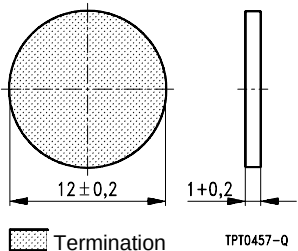
12 V

Applications

- Heating element for small heating systems, e. g. in automobiles

Features

- Thermistor disk with silver metallization on front surfaces
- Suitable for clamp-contacting and glue-bonding
- Curvature < 0,2 mm



Dimensions (mm)

Options

Other dimensions and electrical parameters available upon request

Max. operating voltage	$V_{\max}$	30	V
Rated voltage	V_N	12	V
Breakdown voltage	V_D	> 36	V
Operating temperature range ($V = 0$)	T_{op}	– 40/+ 200	°C
($V = V_N$)	T_{op}	– 25/+ 60	°C
Resistance tolerance	ΔR	$\pm 30\%^{1)}$	

Type	T_{Ref} °C	$R_{\min}$ ($V = V_N$) Ω	$T_{\text{surf}}^{3)}$ ($V = V_N$) °C	R_N ($V_{\text{Meas}} \leq 1,5\text{ V}$) Ω	Ordering code
A 60	0	20 ²⁾	40	≥ 320	B59060-A-A10
A 60	40	4 ²⁾	70	9	B59060-A40-A10
A 60	60	5	80	9	B59060-A60-A10
A 60	80	4	95	9	B59060-A80-A10
A 60	120	4	130	9	B59060-A120-A10
A 60	160	3	165	9	B59060-A160-A10
A 60	180	3	185	9	B59060-A180-A10
A 60 ⁴⁾	220	2	210	9	B59060-A220-A10
A 60	280	3	265	18	B59060-A280-A10

1) Tolerance not valid for B59060-A-A10

2) Valid for $T_A < 25\text{ °C}$

3) Measured peak-to-peak

4) UL approval

Characteristics (typical)

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

