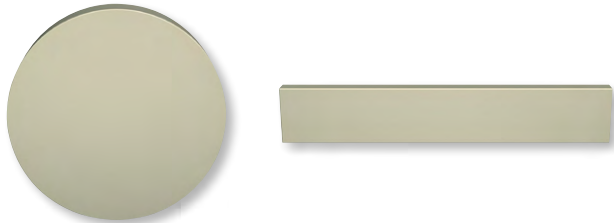




Sample Kit

PTC Thermistors

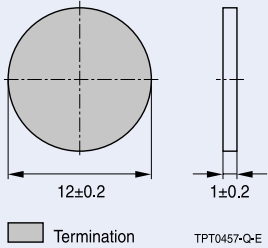
Heating elements
for low voltage applications



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PTC Thermistors – Heating elements for low voltage applications

Type	T _{ref} (typ.) °C	R _{min} (V = V _R) Ω	T _{surf} ¹⁾ (V = V _R) Ω	R _R (V _{meas} ≤ 1.5 V) Ω	V _{BD} V	Curvature mm	Ordering code	Dimensional drawing
V_{max} = 30 V DC, V_R = 12 V DC								
A60	40	4 ²⁾	70	9 ±30%	> 36	< 0.2	B59060A0040A010 1	
A60	60	5	80	9 ±30%	> 36	< 0.2	B59060A0060A010 2	
A60	80	4	95	9 ±30%	> 36	< 0.2	B59060A0080A010 3	
A60	120	4	140	9 ±30%	> 36	< 0.2	B59060A0120A010 4	
A60	160	3	165	9 ±30%	> 36	< 0.2	B59060A0160A010 5	
A60	180	3	185	9 ±30%	> 36	< 0.2	B59060A0180A010 6	
V_{max} = 24 V DC, V_R = 12 V DC								
R41	80	1.00	110	3.2 ±50%	> 40	< 0.05	B59041R0080A010 7	
R41	120	1.00	145	3.2 ±50%	> 40	< 0.05	B59041R0120A010 8	
R41	160	0.75	180	3.2 ±50%	> 40	< 0.05	B59041R0160A010 9	
R41	180	0.75	200	3.2 ±50%	> 40	< 0.05	B59041R0180A010 10	
R41	220	1.00	230	6.4 ±50%	> 40	< 0.05	B59041R0220A010 11	
V_{max} = 60 V DC, V_R = 48 V DC								
R210	150	18.00	175	30 typical	> 120	< 0.05	B59210R0150A010 12	

1) Measured between points

2) T (R_{PTC} = R_{min}) < 25 °C

Data sheets are available at: www.tdk-electronics.tdk.com/ptc_heating

Content: 3 pcs per ordering code

Important information: It is incumbent on the customer to check and decide whether a product is suitable for use in a particular application. Our products are described in detail in our data sheets. Our *Important notes* and the product-specific *Cautions and warnings* must be observed. All relevant information is available through our sales offices.