

Heating Elements

B59101

Metallized Rectangular Disks, 230 V

R 101

Applications

- Home appliances
 - hair curlers
 - fan heaters
 - coffee machines
 - glue guns

Features

- Silver metallization
- Suitable for clamp contacting
- Self-regulating

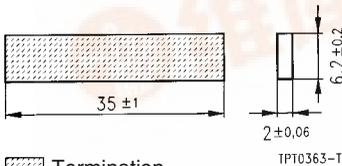
Options

Other dimensions and ratings on request

Delivery mode

Packed in styrofoam trays

Dimensional drawing



Dimensions (mm)

General technical data

Max. operating voltage	V_{max}	265	VAC
Rated voltage	V_N	230	VAC
Operating temperature range ($V = 0$)	T_{op}	- 40/+ 200	°C
	T_{op}	- 40/+ 60	°C
	T_{op}	- 40/+ 100	°C
Resistance tolerance	ΔR_N	± 50 %	
Curvature		< 0,05	mm



Electrical specifications and ordering codes

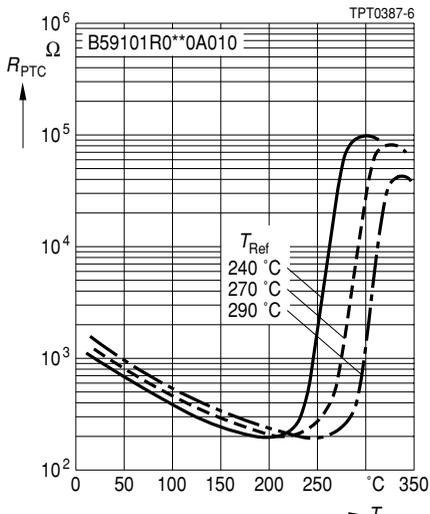
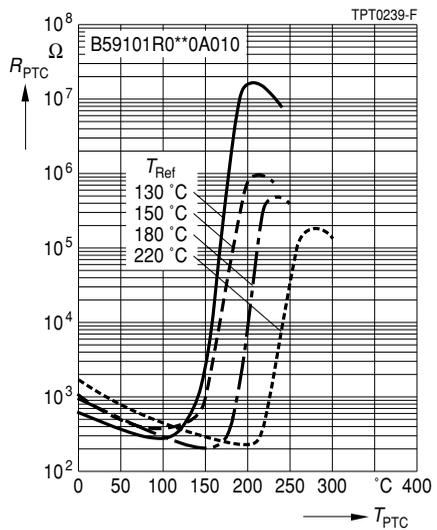
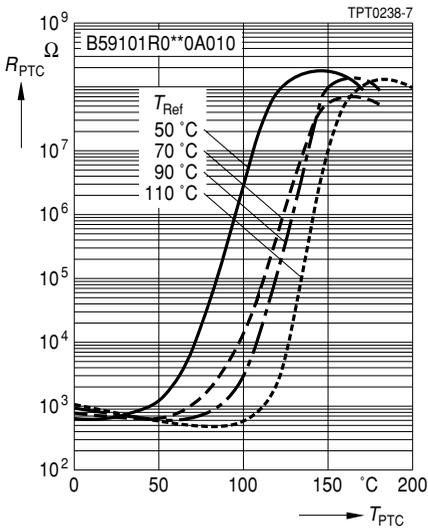
V_{BD} V	T_{Ref} °C	R_{min} ($V = V_N$) Ω	$T_{surf}^{2)}$ ($V = V_N$) °C	R_N ($V_{meas} \leq 1,5 V$) Ω	Ordering code
400	50	225 ¹⁾	100	700	B59101R0050A010
400	70	130	115	700	B59101R0070A010
400	90	115	130	700	B59101R0090A010
400	110	100	145	700	B59101R0110A010
400	130	105	160	700	B59101R0130A010
400	150	90	180	700	B59101R0150A010
400	180	66	205	700	B59101R0180A010
400	220	80	240	1000	B59101R0220A010
400	240	75	255	1000	B59101R0240A010
340	270	85	280	1300	B59101R0270A010
320	290	78	295	1300	B59101R0290A010

1) $T (R_{PTC} = R_{min}) < 25^\circ C$



Characteristics (typical)

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



oder an unsere Vertriebsgesellschaften im Ausland. Bauelemente können aufgrund technischer E halten. Auskünfte darüber bitten wir unter Angabe des betreffenden Typs ebenfalls über die zuständ zuholen.

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