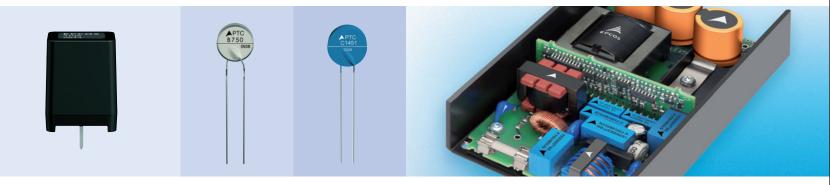


## Sample Kit 2011 Inrush Current Limiters

Self-Protecting PTC Resistors



## **Inrush Current Limiters**

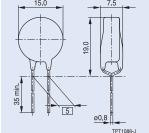
## Self-protecting PTC resistors

V <sub>max</sub> [V AC]	V <sub>link, max</sub> [V DC]	<b>R</b> <sub>R</sub> [Ω]	∆R <sub>R</sub> [%]	T <sub>ref (typ.)</sub> [°C]	C <sub>th</sub> [J/K]		nsions i h <sub>max.</sub>	in mm th <sub>max.</sub>	Ordering code	Dimensional drawing [mm]
In phenolic resin plastic case, operating cycles at $V_{max}$ (charging of capacitor) $N_c > 100000$ cycles										18 max.
260	360	22	±25	130	2.3	18.0	23.0	14.0	B59105J0130A020	
440	620	56	±25	130	2.3	18.0	23.0	14.0	B59107J0130A020	10 IIII IIIII IIIIIIIIIIIIIIIIIIIIIIIII
560	800	100	±25	130	2.3	18.0	23.0	14.0	B59109J0130A020	
										TPT0665-T-E 1 mm pin width
Leaded disks, operating cycles at $V_{max}$ (charging of capacitor) $N_c > 50000$ cycles										12.5 7.0 <sup>1</sup> (except B750 = 5.0)
260	360	25	±25	115	1.0	12.5	16.5	5.0	B59750B0120A070 <sup>1)</sup>	
260	360	50	±25	115	1.4	12.5	16.5	7.0	B59751B0120A070	
260	360	80	±25	115	1.4	12.5	16.5	7.0	B59752B0120A070	
440	620	120	±25	115	1.4	12.5	16.5	7.0	B59753B0120A070	
440	620	150	±25	115	1.4	12.5	16.5	7.0	B59754B0120A070	SS Line SS
560	800	500	±25	110	1.4	12.5	16.5	7.0	B59755B0115A070	<u>0.6</u>
The silver metallization layer of uncoated PTC thermistors can discolor over time. This has no effect on electrical or mechanical properties.										TPT1087-H-E
London disks spatial spatial system states at $V_{\rm state}$ (sharping of spacetar) N > 50000 system										

Leaded disks, coated, operating cycles at $V_{max}$ (charging of capacitor) $N_c > 50000$ cycles									
440	620	120	±25	130	2.1	15.0	19.0	7.5	B59412C1130B070
440	620	56	±25	130	2.1	15.0	19.0	7.5	B59451C1130B070

## **Applications**

- For smoothing and DC link capacitors
- To replace high-power fixed resistors for capacitor charging
- Further information: www.epcos.com/components 🛏 Direct Link: 1077, Applications & Cases, Fail-safe charging



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.