



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Sample Kit 2014

Inrush Current Limiters

Self-Protecting PTC Resistors



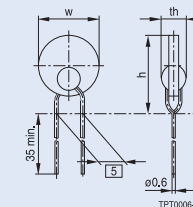
Inrush Current Limiters

Self-protecting PTC resistors

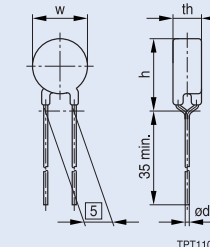
V_{\max} [V AC]	$V_{\text{link, max}}$ [V DC]	R_R [Ω]	ΔR_R [%]	T_{ref} (typ.) [°C]	C_{th} [J/K]	Dimensions in mm				Ordering code
						w_{\max}	h_{\max}	th_{\max}	$\varnothing d$	
Leaded disks, operating cycles at V_{\max} (charging of capacitor)						$N_c > 50000$ cycles				
260	360	25	±25	115	1.0	12.5	16.5	5.0	0.6	B59750B0120A070
260	360	80	±25	115	1.4	12.5	16.5	7.0	0.6	B59752B0120A070
440	620	120	±25	115	1.4	12.5	16.5	7.0	0.6	B59753B0120A070
440	620	150	±25	115	1.4	12.5	16.5	7.0	0.6	B59754B0120A070

The silver metallization layer of uncoated PTC thermistors can discolor over time. This has no effect on electrical or mechanical properties.

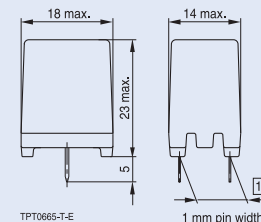
Dimensional drawing [mm]



Leaded disks, coated, operating cycles at V_{\max} (charging of capacitor)						$N_c > 50000$ cycles				
260	360	25	±25	115	1.0	12.5	16.5	5.0	0.6	B59750C0120A070
260	360	50	±25	115	1.4	12.5	16.5	7.0	0.6	B59751C0120A070
440	620	56	±25	130	2.1	15.0	19.0	7.5	0.8	B59451C1130B070
440	620	120	±25	130	2.1	15.0	19.0	7.5	0.8	B59412C1130B070
560	800	500	±25	110	1.4	12.5	16.5	7.0	0.6	B59755C0115A070



In phenolic resin plastic case, operating cycles at V_{\max} (charging of capacitor)						$N_c > 100000$ cycles				
440	620	56	±25	130	2.3	18.0	23.0	14.0	–	B59107J0130A020
560	800	100	±25	130	2.3	18.0	23.0	14.0	–	B59109J0130A020



Applications

- For smoothing and DC link capacitors
- To replace high-power fixed resistors for capacitor charging

Further information: http://www.epcos.com/761864_ptcicl

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.