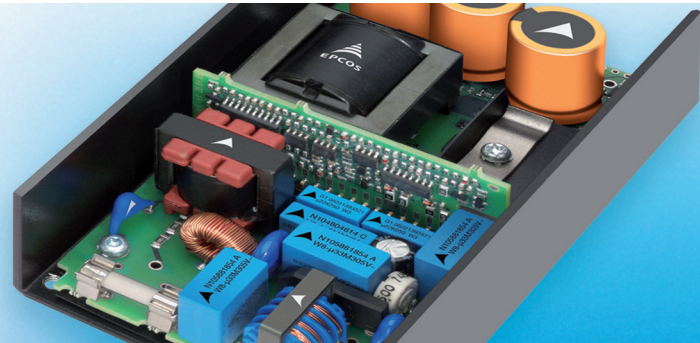


Sample Kit 2016

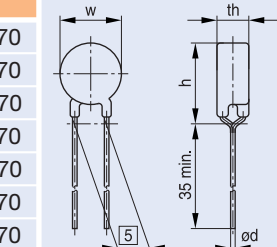
Inrush Current Limiters

Self-Protecting PTC Resistors

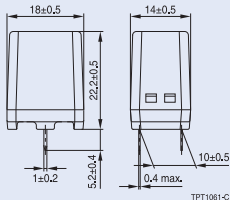


Inrush Current Limiters

Self-protecting PTC resistors

V _{max} [V AC]	V _{link, max} [V DC]	R _R [Ω]	ΔR _R [%]	T _{ref} (typ.) [°C]	C _{th} [J/K]	Dimensions in mm				AEC-Q200	Ordering code	Dimensional drawing [mm]
Leaded disks, coated												
280	400	25	±25	120	1.0	12.5	16.5	5.0	0.6	✓	B59750C0120A070	
280	400	50	±25	120	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	120	1.4	13.0	18.0	7.5	0.6	–	B59753C0120A070	
440	620	120	±25	130	2.1	15.0	19.0	7.5	0.8	✓	B59412C1130B070	
440	620	150	±25	120	1.4	13.0	18.0	7.5	0.6	–	B59754C0120A070	
440	620	500	±25	120	0.6	9.0	13.5	7.5	0.6	–	B59773C0120A070	
560	800	500	±25	115	1.4	12.5	16.5	7.0	0.6	–	B59755C0115A070	

PTC thermistors in housing

280	400	22	±25	130	2.3	18.5	22.7	14.5	–	✓	B59215J0130A020	 TPT1061-C
440	620	56	±25	130	2.3	18.5	22.7	14.5	–	✓	B59217J0130A020	
560	800	100	±25	130	2.3	18.5	22.7	14.5	–	✓	B59219J0130A020	

Features

- Self-protecting in case of malfunction of short-circuit relay or internal short circuit of capacitor
- Inrush current limiters are not damaged when directly connected to $V_{\max}$ even without additional current limitation

Applications

- Inrush current limiter (charging resistor) for smoothing and DC link capacitors

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.