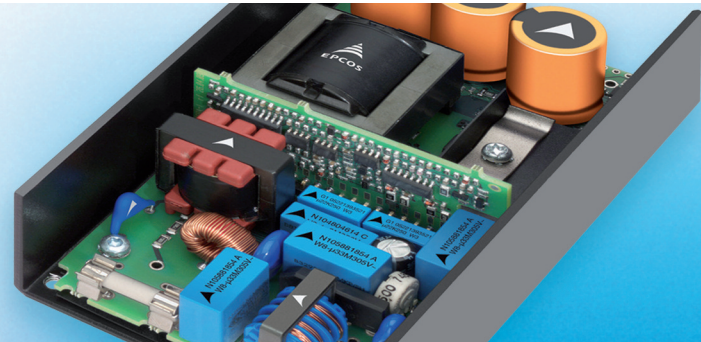


Sample Kit 2016

Inrush Current Limiters

Self-Protecting PTC Resistors

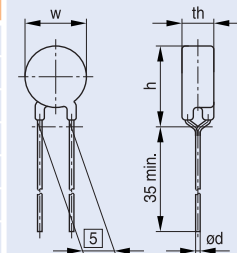


Inrush Current Limiters

Self-protecting PTC resistors

V_{\max} [V AC]	$V_{\text{link, max}}$ [V DC]	R_R [Ω]	ΔR_R [%]	$T_{\text{ref (typ.)}}$ [$^{\circ}\text{C}$]	C_{th} [J/K]	Dimensions in mm				AEC-Q200	Ordering code
						$w_{\max.}$	$h_{\max.}$	$th_{\max.}$	$\varnothing d$		
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

Dimensional drawing [mm]



TPT1101-Y

PTC thermistors in housing

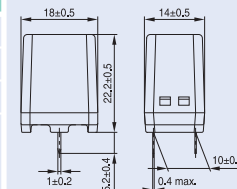
280	400	22	± 25	130	2.3	18.5	22.7	14.5	–	✓	B59215J0130A020
440	620	56	± 25	130	2.3	18.5	22.7	14.5	–	✓	B59217J0130A020
560	800	100	± 25	130	2.3	18.5	22.7	14.5	–	✓	B59219J0130A020

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



TPT1061-C

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.