



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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EPCOS Sample Kit 2012

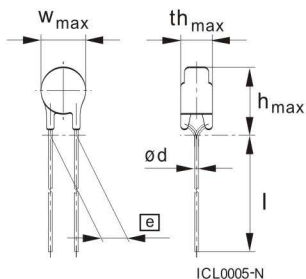
NTC Inrush Current Limiters



NTC inrush current limiters

	S 153	S 235	S 236	S 237	S 238	S 364	S 464
T_A °C	-55 up to 170	-55 up to 170	-55 up to 170	-55 up to 170	-55 up to 170	-55 up to 170	-55 up to 170
R_{25} Ω	4.7 ... 33.0	4.7 ... 10.0	2.2 ... 120.0	1.0 ... 60.0	2.5 ... 16.0	1.0 ... 10.0	1.0 ... 10.0
P_{max} W	1.4	1.8	2.1	3.1	3.9	5.1	6.7
I_{max} A	1.3 ... 3.0	3.0 ... 4.4	1.5 ... 6.0	1.6 ... 9.0	4.0 ... 8.4	7.5 ... 16.0	8.0 ... 20.0
$B_{25/100}$ K	2800; 2900; 3000	2800; 2900	2700 ... 3450	2700 ... 4000	2800 ... 3165	2800 ... 3300	2800 ... 3300

Dimensional drawing in mm



Type	l	w_{max}	h_{max}	th_{max}	ϕd	Lead spacing [e]
S153	25 min.	8.5	13	6	0.6	5
S235	25 min.	9.5	14	6	0.6	5
S236	25 min.	11.5	16	6	0.6	5
S237	25 min.	15	22	7	0.8	7.5
S238	25 min.	16	23	7	1.0	7.5
S364	25 min.	21	28	7	1.0	7.5
S464	25 min.	26	31	7	1.0	7.5

Applications

- For every area of electrical engineering and electronics, e.g. SMPS, lighting control, telecom, power supply, entertainment electronics and automotive

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.