

SMD Transient Voltage Suppressors

High Voltage CH series

CH Series is special designed for surge transients protection. It meet IEC61000-4-5 surge test standard, it provides the SMD package for high working voltage like AC power application.

Part Number Identification

Size	Series	Breakdown Voltage	Inner Code	Lead Free
08	CH	560	KB	LF
08=3.2x2.0(mm)	CH	560=56x10 ⁰ =56(V)		
		271=27x10 ¹ =270(V)		

Features

- Surge protection
- size 3220
- Breakdown Voltage 56V~470V
- Meet RoHS Requirement

Application

- AC Power
- Industry Control

Specification

Model Number	Working Voltage (MAX)		Breakdown Voltage	Peak Current (MAX)	Clamping Voltage (MAX)		Energy Absorption (MAX)	Capacitance	Thickness
	AC	DC			(A)	(V)			
Symbol	AC	DC	1mA (V)	8/20μs (A)	(A)	(V)	(J)	1KHz (pF)	mm
08CH560KB-LF	35	45	56 (50.4~61.6)	500	5	106	>2.50	1250	1.5 max
08CH680KB-LF	40	56	68 (61.2~74.8)	500	5	124	>3.20	1050	1.5 max
08CH1211KB-LF	75	102	120 (108~132)	500	10	198	>6.00	600	1.5 max
08CH151KB-LF	95	127	150 (135~165)	500	10	248	>7.50	470	1.5 max
08CH241KB-LF	150	200	240 (216~264)	500	10	390	>14.5	380	1.7 max
08CH271KB-LF	175	225	270 (243~297)	500	10	450	>16.0	340	1.7 max
08CH391KB-LF	250	330	390 (351~429)	500	10	647	>20.0	125	2.2max
08CH431KB-LF	275	369	430 (387~473)	450	10	705	>21.0	120	2.2 max
08CH471KB-LF	300	385	470 (423~517)	400	10	775	>21.6	115	2.2 max