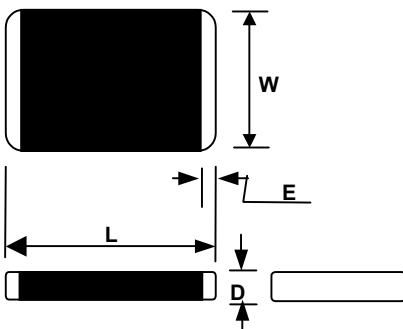




SMD Transient Voltage Suppressors

MH-Series Specifications

Model Number	Working Voltage (MAX)		Breakdown Voltage	Peak Current (MAX)	Clamping Voltage (MAX)		Energy Absorption	Typical Capacitance ※
	AC (V _{RMS})	DC (V)			(A)	(V)		
SV0805MH240Auto	14	18	24 (22.5~27.5)	100	1.0	40	0.2	680
SV0805MH270Auto	17	22	27 (23~31)	100	1.0	45	0.3	580
SV0805MH470Auto	30	38	47 (45.5~53)	100	1.0	77	0.3	360
SV1206MH240Auto	14	18	24 (22.5~27.5)	200	1.0	40	0.5	1160
SV1206MH270Auto	17	22	27 (23~31)	200	1.0	45	0.6	1040
SV1206MH470Auto	30	38	47 (45.5~53)	200	1.0	77	1.1	515
SV1210MH240Auto	14	18	24 (22.5~27.5)	400	2.5	40	1.4	2140
SV1210MH270Auto	17	22	27 (23~31)	400	2.5	45	1.7	1800
SV1210MH470Auto	30	38	47 (45.5~53)	400	2.5	77	2.0	1020
SV1812MH240Auto	14	18	24 (22.5~27.5)	800	5.0	40	2.3	4630
SV1812MH270Auto	17	22	27 (23~31)	800	5.0	45	2.7	4200
SV1812MH470Auto	30	38	47 (45.5~53)	800	5.0	77	4.2	2880
SV2220MH240Auto	14	18	24 (22.5~27.5)	1200	10.0	40	5.8	11500
SV2220MH270Auto	17	22	27 (23~31)	1200	10.0	45	7.2	9450
SV2220MH470Auto	30	38	47 (45.5~53)	1200	10.0	77	12.0	4400



Type	L mm	W mm	D mm	E Mm
SV0805 MH	2.0 ± 0.20	1.25 ± 0.15	1.2 max.	0.3 +0.1/-0.1
SV1206 MH	3.2 ± 0.20	1.6 ± 0.15	1.5 max.	0.5 +0.2/-0.2
SV1210 MH	3.2 ± 0.20	2.5 ± 0.20	1.5 max.	0.5 +0.2/-0.2
SV1812 MH	4.5 ± 0.20	3.2 ± 0.20	2.0 max.	0.5 +0.3/-0.1
SV2220 MH	5.7 ± 0.20	5.0 ± 0.20	2.5 max.	0.5 +0.5/-0.1

NOTES :

1. MH-series Transient Voltage Suppressors (TVS) are especially developed for the automobile control system.
2. Tolerance of breakdown Voltage: ± 10 %
3. Tolerance of Capacitance: ± 20 %
4. ※The special capacitance range can be designed upon request.