



SMD Transient Voltage Suppressors

ML/ MH Series Part Number Description

SV 1206 ML 240 C

Series Code

A= Operating voltage from
8.0V_{RMS} (11.0V_{DC}) to 35.0V_{RMS} (45.0V_{DC}),
High surge absorption, low clamping voltage

C= Operating voltage from
2.5V_{RMS} (3.3V_{DC}) to 70.0V_{RMS} (90.0V_{DC}),
Wide range application

Auto= Operating voltage from
14.0V_{RMS} (18.0V_{DC}) to 30.0V_{RMS} (38.0V_{DC}),
Automotive electronics

Varistor Voltage

240= 24×10^0 V= 24 V
241= 24×10^1 V= 240 V

Application Code

ML= Multilayer SMD TVS
MH= Multilayer Highly advanced for automobile electronics

Area of element

<u>SIZE</u>	<u>LENGTH</u>	<u>WIDTH</u>
0402	1.0 ± 0.1mm	0.50 ± 0.10mm
0603	1.6 ± 0.15mm	0.80 ± 0.15mm
0805	2.0 ± 0.2mm	1.25 ± 0.15mm
1206	3.2 ± 0.2mm	1.60 ± 0.15mm
1210	3.2 ± 0.2mm	2.50 ± 0.20mm
1812	4.5 ± 0.2mm	3.20 ± 0.20mm
2220	5.7 ± 0.2mm	5.00 ± 0.20mm

Product Code

SV (Surface Mount Varistor)