

Multilayer varistors (MLV) selection guide

MLVA - Compact

Package size	Working voltage (Vdc)	Clamping voltage (V)	Max peak current (8/20 µs)	Capacitance (pF) range
0201	5.5	26 to 30	-	33 to 64
0402	5.5 to 18	28 to 54	20	85 to 270
0603	5.5 to 26	31 to 70	30	100 to 270

MLVB - Low capacitance

Package size	Working voltage (Vdc)	Clamping voltage (V)	Max peak current (8/20 µs)	Capacitance (pF) range
0402	9 to 18	35 to 250	-	0.5 to 5
0603	9 to 18	35 to 250	-	0.5 to 5

MLVC - Standard

Package size	Working voltage (Vdc)	Clamping voltage (V)	Max peak current (8/20 µs)	Capacitance (pF) range
0402	12 to 18	34 to 44	20	90 to 150
0603	12 to 33	34 to 79	35	80 to 210
0805	12 to 48	34 to 110	35	80 to 220
1206	12 to 68	34 to 151	35	90 to 450

MLVC - High energy

Package size	Working voltage (Vdc)	Clamping voltage (V)	Max peak current (8/20 µs)	Capacitance (pF) range
0805	12 to 33	34 to 79	120	230 to 420
1206	12 to 60	34 to 134	150	180 to 850
1210	11 to 65	33 to 144	300	400 to 1800
1812	11 to 60	33 to 134	500	650 to 2400
2220	18 to 68	44 to 151	600	700 to 4000
3225	18 to 200	44 to 425	400	250 to 3500
4032	14 to 200	35 to 422	1200	700 to 5000



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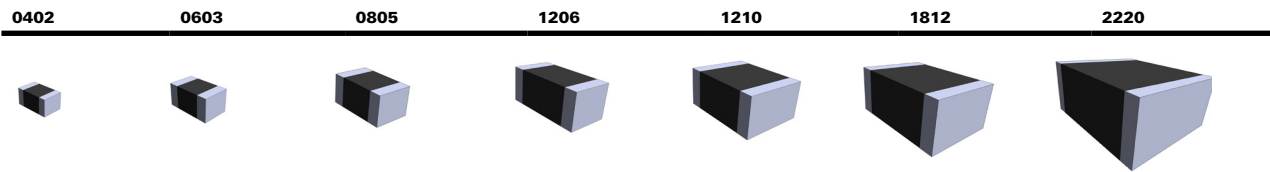
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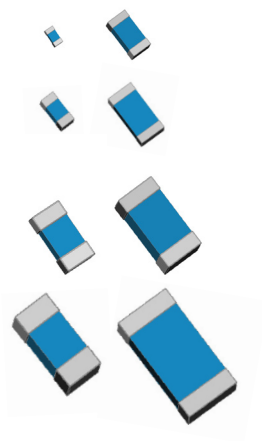
AMLV - Automotive-grade

Package size	Working voltage (Vdc)	Clamping voltage (V)	Max peak current (8/20 μ s)	Capacitance (pF) range
0402	5.5 to 18	30 to 50	20	12 to 40
0603	9 to 32	29 to 120	30	10 to 490
0805	16 to 31	40 to 67	120	250 to 650
1206	18 to 56	42 to 110	200	250 to 1000
1210	18 to 45	42 to 90	500	600 to 3100
1812	16 to 30	40 to 77	800	1700 to 4500
2220	16 to 38	42 to 77	1200	3000 to 20000

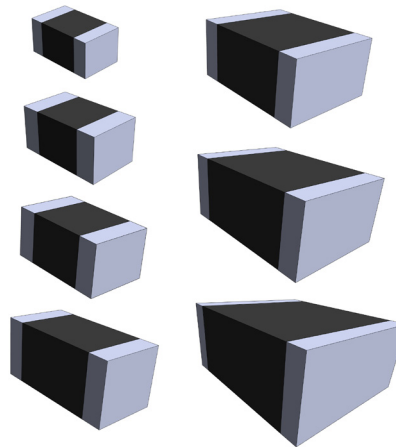
Eaton automotive-grade MLV products



Eaton MLV family



Eaton AMLV family



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