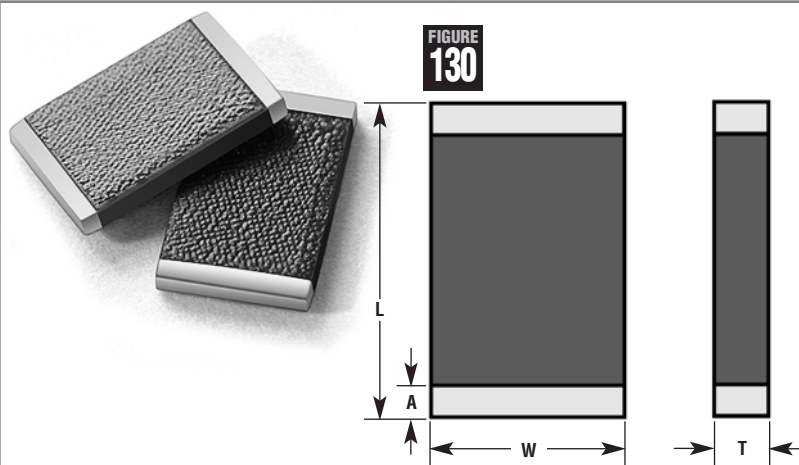


FIGURE 130


Z1206MLA Series				
Measurement System	Length "L"	Width "W"	Electrode "A"	Thickness "T"
(inches)	0.126 ±0.0079	0.063 ±0.0059	0.0197 +0.0079 -0.0079	0.059 max.
(mm)	3.200 ±0.200	1.600 ±0.150	0.500 +0.200 -0.200	1.500 max.

Z1210MLA Series				
Measurement System	Length "L"	Width "W"	Electrode "A"	Thickness "T"
(inches)	0.126 ±0.0079	0.098 ±0.0079	0.0200 +0.0079 -0.0079	0.059 max.
(mm)	3.200 ±0.200	2.500 ±0.200	0.500 +0.200 -0.200	1.500 max.

Z2220MLA Series				
Measurement System	Length "L"	Width "W"	Electrode "A"	Thickness "T"
(inches)	0.2244 ±0.0079	0.1969 ±0.0079	0.0197 +0.0118 -0.0039	0.098 max.
(mm)	5.700 ±0.200	5.000 ±0.200	0.500 +0.300 -0.100	2.500 max.

Z1812MLA Series				
Measurement System	Length "L"	Width "W"	Electrode "A"	Thickness "T"
(inches)	0.177 ±0.0079	0.126 ±0.0079	0.0197 +0.0118 -0.0039	0.079 max.
(mm)	4.500 ±0.200	3.200 ±0.200	0.500 +0.300 -0.100	2.000 max.

Part Number	Maximum Allowable Voltage		Varistor Voltage @1mA DC V	Energy Absorption (10/1000µS) J	Maximum Clamping Voltage		Peak Surge Current 8/20µS A	Typical Capacitance @1KHz pF
	AC	DC			A	V		
	V _{RMS}	V						
Z Series Surface - Mount MOVs								
Z1206MLA150H	8	11	15(12.75-17.25)	0.4	1	28	200	1700
Z1206MLA180H	11	14	18(15.3-20.7)	0.5	1	30	200	1500
Z1206MLA220H	12	16.5	22(19.8-24.2)	0.5	1	36	200	1280
Z1206MLA240H	14	18	24(21.6-27)	0.5	1	39	200	1160
Z1206MLA270H	17	22	27(24.3-29.8)	0.6	1	44	200	1080
Z1206MLA330H	20	26	33(29.7-36.3)	0.7	1	54	200	680
Z1206MLA390H	25	30	39(35.1-42.9)	1	1	65	200	620
Z1206MLA470H	30	38	47(42.3-51.7)	1.1	1	77	200	550
Z1206MLA560H	35	45	56(50.4-61.6)	0.8	1	90	200	400
Z1210MLA150H	8	11	15(12.75-17.25)	1.0	2.5	28	400	4050
Z1210MLA180H	11	14	18(15.3-20.7)	1.2	2.5	30	400	3860
Z1210MLA220H	12	16.5	22(19.8-24.2)	1.4	2.5	36	400	2600
Z1210MLA240H	14	18	24(21.6-27)	1.4	2.5	39	400	2380
Z1210MLA270H	17	22	27(24.3-29.8)	1.7	2.5	44	400	2100
Z1210MLA330H	20	26	33(29.7-36.3)	1.9	2.5	54	400	1400
Z1210MLA390H	25	30	39(35.1-42.9)	1.7	2.5	65	400	1180
Z1210MLA470H	30	38	47(42.3-51.7)	2.0	2.5	77	400	1000
Z1210MLA560H	35	45	56(50.4-61.6)	2.0	2.5	90	400	660
Z1812MLA150H	8	11	15(12.75-17.25)	1.8	5	28	800	8450
Z1812MLA180H	11	14	18(15.3-20.7)	1.9	5	30	800	7030
Z1812MLA220H	12	16.5	22(19.8-24.2)	2.3	5	36	800	5080
Z1812MLA240H	14	18	24(21.6-27)	2.3	5	39	800	4650
Z1812MLA270H	17	22	27(24.3-29.8)	2.7	5	44	800	4150
Z1812MLA330H	20	26	33(29.7-36.3)	3.0	5	54	800	3400
Z1812MLA390H	25	30	39(35.1-42.9)	3.7	5	65	800	2950
Z1812MLA470H	30	38	47(42.3-51.7)	4.2	5	77	800	2550
Z1812MLA560H	35	45	56(50.4-61.6)	4.2	5	90	800	2400
Z2220MLA150H	8	11	15(12.75-17.25)	4.2	10	28	1200	21200
Z2220MLA180H	11	14	18(15.3-20.7)	5.4	10	30	1200	17700
Z2220MLA220H	12	16.5	22(19.8-24.2)	5.8	10	36	1200	14500
Z2220MLA240H	14	18	24(21.6-27)	5.8	10	39	1200	13600
Z2220MLA270H	17	22	27(24.3-29.8)	7.2	10	44	1200	12000
Z2220MLA330H	20	26	33(29.7-36.3)	7.8	10	54	1200	10500
Z2220MLA390H	25	30	39(35.1-42.9)	9.6	10	65	1200	8900
Z2220MLA470H	30	38	47(42.3-51.7)	12.0	10	77	1200	5700
Z2220MLA560H	35	45	56(50.4-61.6)	7.7	10	90	1200	4800

Parts are available on tape and reel.

Z1206 – 3000 pcs/reel

Z1812 – 1000 pcs/reel

Z1210 – 2000 pcs/reel

Z2222 – 1000 pcs/reel

Consult Factory for minimum order quantity.

All devices listed are RoHS compliant.

See page 57 for explanation of UL Surge Suppression Device Type Designations.