

Surface Mount Multilayer Varistors

High Surge Protection (HA) Series

Features:

- Fast Response < 0.5 ns
- Low Capacitance
- Low Clamping Voltage and High Energy Absorption

Application Fields:

- Telecommunications
- Automotive Systems
- Data Systems
- Power Supplies

Ordering Information:

Part Number	Working Voltage (max)		Breakdown Voltage 1 mA (V)	Peak Current (max) 8/20 μ s (A)	Clamping Voltage (max)		Energy Absorption (max) 10/1000 μ s (J)	Typical Capacitance 1 KHz (pF)
	AC (V _{RMS})	DC (V)			(A)	(V)		
MLV1206HA014V0200	11	14	18 (15.3~20.7)	200	1	30	0.5	1200
MLV1206HA018V0200	14	18	24 (21.6~27.0)	200	1	39	0.5	780
MLV1206HA022V0200	17	22	27 (24.3~29.8)	200	1	44	0.7	750
MLV1206HA026V0200	20	26	33 (29.7~36.3)	200	1	54	1.0	700
MLV1206HA030V0200	25	30	39 (35.1~42.9)	200	1	65	1.0	510
MLV1206HA038V0200	30	38	47 (42.3~51.7)	200	1	77	1.1	440
MLV1210HA014V0400	11	14	18 (15.3~20.7)	400	2.5	30	1.2	2000
MLV1210HA018V0400	14	18	24 (21.6~27.0)	400	2.5	39	1.4	1600
MLV1210HA022V0400	17	22	27 (24.3~29.8)	400	2.5	44	1.7	1500
MLV1210HA026V0400	20	26	33 (29.7~36.3)	400	2.5	54	1.9	880
MLV1210HA030V0400	25	30	39 (35.1~42.9)	400	2.5	65	1.7	800
MLV1210HA038V0400	30	38	47 (42.3~51.7)	400	2.5	77	2.0	530
MLV1812HA018V0800	14	18	24 (21.6~27.0)	800	5	38	2.3	3500
MLV1812HA030V0800	25	30	39 (35.1~42.9)	800	5	65	3.7	2350
MLV1812HA038V0800	30	38	47 (42.3~51.7)	800	5	77	4.2	1600
MLV1812HA045V0800	35	45	56 (50.4~61.6)	800	5	90	4.2	1200
MLV2220HA014V1200	11	14	18 (15.3~20.7)	1200	10	30	5.4	10500
MLV2220HA018V1200	14	18	24 (21.6~27.0)	1200	10	39	5.8	8500
MLV2220HA022V1200	17	22	27 (24.3~29.8)	1200	10	44	7.2	8300
MLV2220HA030V1200	25	30	39 (35.1~42.9)	1200	10	65	9.6	6000
MLV2220HA038V1200	30	38	47 (42.3~51.7)	1200	10	77	12.0	4000
MLV2220HA045V1200	35	45	56 (50.4~61.6)	1200	10	90	12.0	3500