

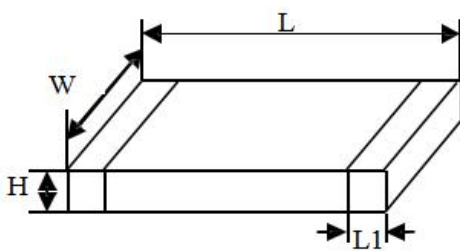
Features:

- ✧ Surface Mount Device, package size 0402~0603
- ✧ Multilayer ceramic structure
- ✧ Wide operating temperature: - 55℃ to + 125℃
- ✧ Fast response ($\leq 1\text{ns}$)
- ✧ Low leakage current, Low Capacitance
- ✧ ESD Protection Components

Naming Rule:

MEV	0402	-	008	K	T	T	*
Ecube-tech MLV for ESD Protection	Package Size: 0402mils		Varistor Voltage: 5R6 : 5.6V 008 : 8V	Varistor Voltage Tolerance: K: $\pm 10\%$ L: $\pm 15\%$ M: $\pm 20\%$	Terminal Material: D: Ag/Pd T: Ag/Ni/Sn	Packing: T: Taping&Reel B: In bulk	For Special Parts

Structure:(Unit:mm)



Package	L (mm)	W (mm)	H(mm)	L1 (mm)
0402	1.00 $\pm$ 0.20	0.50 $\pm$ 0.20	0.50 $\pm$ 0.20	0.30 $\pm$ 0.20
0603	1.60 $\pm$ 0.20	0.80 $\pm$ 0.20	0.80 $\pm$ 0.20	0.30 $\pm$ 0.20

Packing Information:

Package	0402	0603
Quantity per Reel (pcs)	10000	4000

Electrical Specifications:

Part Number	Working voltage	Breakdown (Varistor) voltage		Clamping voltage	Capacitance		ESD Test IEC61000-4-2
	DC	@ 1mA DC		8/20μs 1A	@ 1MHz		
	(V)	VB(V)		Vc(V)	C (pF)	ΔC	
MEV0402-008MTT	5.6	8	±20%	25	70	30%	Contact discharge voltage: 8kv
MEV0402-012MTT	5.6~8	12	±20%	35	50	30%	
MEV0402-018MTT	5.6~14	18	±20%	45	30	30%	
MEV0402-027MTT	5.6~18	27	±20%	58	30	30%	
MEV0402-033MTT	5.6~18	33	±20%	65	22	30%	Air Gap Discharge voltage: 15k
MEV0402-039LTT	5.6~18	39	±15%	77	15	30%	
MEV0402-060LTT	5.6~24	60	±15%	130	5	50%	
MEV0402-120KTT	5.6~26	120	±10%	200	2.5	50%	
MEV0603-008MTT	5.6	8	±20%	24	30	0.3	Contact discharge voltage: 8kv
MEV0603-012MTT	5.6~8	12	±20%	35	30	0.3	
MEV0603-018MTT	5.6~14	18	±20%	45	30	0.3	
MEV0603-027MTT	5.6~18	27	±20%	58	30	0.3	
MEV0603-033MTT	5.6~18	33	±20%	65	22	0.3	Air Gap Discharge voltage: 15k
MEV0603-039LTT	5.6~18	39	±15%	77	15	0.3	
MEV0603-060LTT	5.6~24	60	±15%	120	5	0.5	
MEV0603-120KTT	5.6~26	120	±10%	200	3	0.5	

CONTACT INFORMATION

Shanghai Ecube-Tech Electronics Technology Co., Ltd.

上海赫品电子科技有限公司

Email: Marketing@ecube-tech.com

Tel: +86 21 50723288

Fax: 400 8892 163 Ext. 324988

Address: No.245, Jinan Road, Huangpu Area, Shanghai, 200021, China

Website: www.ecube-tech.com