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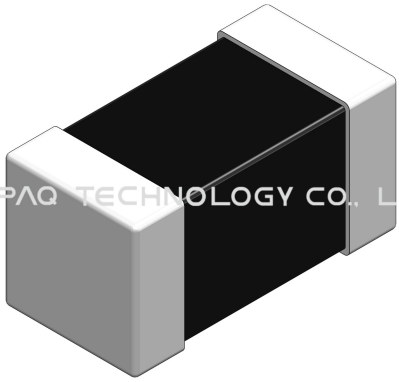
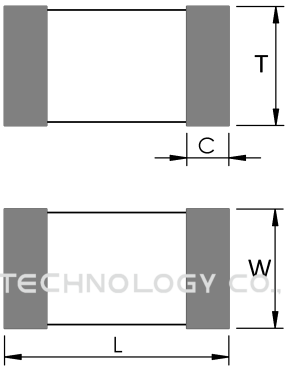
MLVS0805L17161

General ROHS HF

Appearance & Shape





Unit:mm	0201	0402	0603	0805	1206
L	0.60±0.05	0.96±0.12	1.60±0.15	2.00±0.20	3.20±0.15
W	0.30±0.05	0.48±0.07	0.80±0.10	1.25±0.15	1.60±0.15
T	0.30±0.05	0.50±0.10	0.80±0.10	0.90±0.10	0.80±0.10
C	0.20±0.10	0.25±0.15	0.30±0.20	0.50±0.25	0.50±0.25

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Specification

L size(mm)	2
W size(mm)	1.25
T size(mm)	0.9
Size codeInch (mm)	0805 (2012)
VRMS (V) max	17
VDC (V) max	22
VV (V) min	25
VV (V) max	34
Vc Condition (A)	1
Vc (V) max	54
Cp Condition (KHZ)	1
Cp (pF) min	-
Cp (pF) Type	160
Cp (pF) max	-
Imax (A) max	30
Wmax (Joul) max	0.1

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Notices

VRMS – Maximum AC operating voltage the varistor can maintain and not exceed10μA leakage current

VDC – Maximum DC operating voltage the varistor can maintain and not exceed 10μA leakage current

VV –Voltage across the device measured at 1mA DC current. EquiValent to Vb, “Breakdown Voltage”.

Vc – Maximum peak voltage across the varistor measured at 8/20us waveform and 1A pulse current

Cp – Device capacitance measured with zero volt bias 1Vrms at 1MHz.

imax – Maximum peak current which may be applied with 8/20us waveform without device failure

Wmax – Maximum energy that may be dissipated with the 10/1000us waveform without device failure

Packing

Packing Reel (Inch)	Carrier tape	Standard package quantity (KPCS)	Piece weight (gram)	MSL Level
7	Paper type	4	0.010943	1

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