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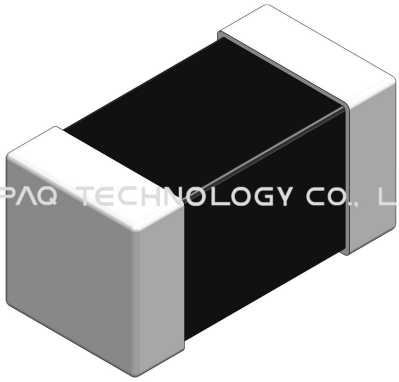
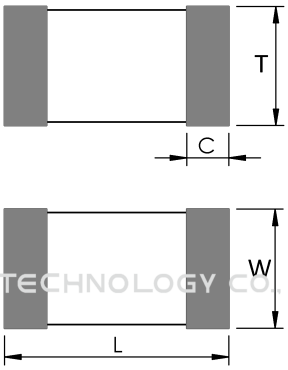
# MLVG06033R0LV42BP

General ROHS HF

## Appearance & Shape






| Unit:mm | 0402 | 0603 |
|---|---|---|
| L | 0.96±0.12 | 1.60±0.15 |
| W | 0.48±0.07 | 0.80±0.10 |
| T | 0.50±0.10 | 0.80±0.10 |
| C | 0.25±0.15 | 0.30±0.20 |

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## Specification

| | |
|---|---|
| L size(mm) | 1.6 |
| W size(mm) | 0.8 |
| T size(mm) | 0.8 |
| Size codeInch (mm) | 0603 (1608) |
| VDC (V) max | 42 |
| VV (V) min | 46 |
| VV (V) max | 75 |
| Vc Condition (A) | 1 |
| Vc (V) max | 135 |
| Cp Condition (KHZ) | 1000 |
| Cp (pF) min | 1 |
| Cp (pF) max | 5 |


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## Notices

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

VV – Voltage across the device measured at 1mA DC current. Equivalent to Vb, “break down voltage”.

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

*: Maximum peak current across the varistor with 8/20μs waveform and 0.5A pulse current.

Cp – Device capacitance measured with 1 Vrms at 1MHz

## Packing

| Packing Reel (Inch) | Carrier tape | Standard package quantity (KPCS) | Piece weight (gram) | MSL Level |
|---|---|---|---|---|
| 7 | Paper type | 4 | 0.0047375 | 1 |

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