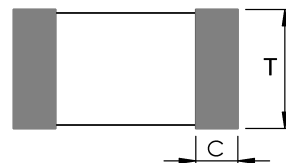
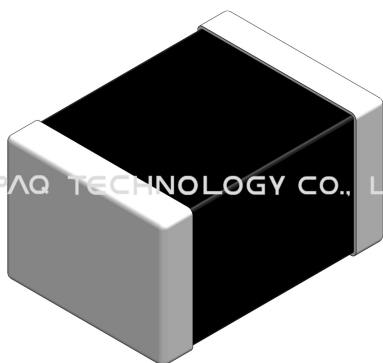


# MLVS1812AM50102



## Appearance & Shape



| Unit:mm | 1210      | 1812      |
|---------|-----------|-----------|
| L       | 3.20±0.3  | 4.50±0.40 |
| W       | 2.50±0.25 | 3.20±0.30 |
| T       | 1.7 max.  | 2.5 max.  |
| C       | 0.50±0.25 | 0.60±0.30 |

注意 NOTICE: All Specifications are subject to change without notice.

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2. 本文件僅說明參考標準規格，如需訂購，請依實際核准所需規格進行申辦。

## Specification

|                             |             |
|-----------------------------|-------------|
| L size(mm)                  | 4.5         |
| W size(mm)                  | 3.2         |
| T size(mm)                  | 2.5 max     |
| Size codeInch (mm)          | 1812 (4532) |
| VRMS (V) max                | 50          |
| VDC (V) max                 | 65          |
| VV (V) min                  | 77          |
| VV (V) max                  | 95          |
| Vc Condition (A)            | 5           |
| Vc (V) max                  | 140         |
| Cp Condition (KHZ)          | 1           |
| Cp (pF) min                 | -           |
| Cp (pF) Type                | 1000        |
| Cp (pF) max                 | -           |
| I <sub>max</sub> (A) max    | 800         |
| W <sub>max</sub> (Joul) max | -           |

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## Notices

VRMS – Maximum AC operating voltage the varistor can maintain and not exceed 10 $\mu$ A leakage current

VDC – Maximum DC operating voltage the varistor can maintain and not exceed 10 $\mu$ A 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 8/20 $\mu$ s waveform and 1A pulse current

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

imax – Maximum peak current which may be applied with 8/20 $\mu$ s waveform without device failure

Wmax – Maximum energy that may be dissipated with the 10/1000 $\mu$ s waveform without device failure

## Packing

| Packing Reel (Inch) | Carrier tape | Standard package quantity (KPCS) | Piece weight (gram) | MSL Level |
|---------------------|--------------|----------------------------------|---------------------|-----------|
| 7                   | Plastic type | 1                                | 0.116               | 1         |

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