

# MLVS0805L20251



## 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 |



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

1. 本文件由 INPAQ 佳邦科技網站下載，若規格變更及停產，請於訂購時確認，恕不另行通知。
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)                  | 2           |
| W size(mm)                  | 1.25        |
| T size(mm)                  | 0.9         |
| Size codeInch (mm)          | 0805 (2012) |
| VRMS (V) max                | 20          |
| VDC (V) max                 | 26          |
| VV (V) min                  | 30          |
| VV (V) max                  | 38          |
| Vc Condition (A)            | 1           |
| Vc (V) max                  | 56          |
| Cp Condition (KHZ)          | 1           |
| Cp (pF) min                 | -           |
| Cp (pF) Type                | 250         |
| Cp (pF) max                 | -           |
| I <sub>max</sub> (A) max    | 100         |
| W <sub>max</sub> (Joul) max | 0.4         |

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## Notices

VRMS – Maximum AC operating voltage the varistor can maintain and not exceed 10µA 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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