

MLVS1812P10382



Appearance & Shape



| Unit:mm | 1210 | 1812 |
|---------|-----------|----------|
| L | 3.20±0.30 | 4.5±0.40 |
| W | 2.50±0.25 | 3.2±0.30 |
| T | 1.70 max. | 2.5 max. |
| C | 0.50±0.25 | 0.6±0.30 |

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

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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 | 10 |
| VDC (V) max | 14 |
| VV (V) min | 16 |
| VV (V) max | 22 |
| Vc Condition (A) | 5 |
| Vc (V) max | 42 |
| Cp Condition (KHZ) | 1 |
| Cp (pF) min | - |
| Cp (pF) Type | 3800 |
| Cp (pF) max | - |
| I _{max} (A) max | 800 |
| W _{max} (Joul) max | - |

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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 | Plastic type | 1 | 0.1198 | 1 |

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