

# MLVS0805L08441



## 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 code(Inch (mm))	0805 (2012)
VRMS (V) max	8
VDC (V) max	11
VV (V) min	14
VV (V) max	20
Vc Condition (A)	1
Vc (V) max	40
Cp Condition (KHZ)	1
Cp (pF) min	-
Cp (pF) Type	440
Cp (pF) max	-
I <sub>max</sub> (A) max	100
W <sub>max</sub> (Joul) max	0.3

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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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