

# VCLD120631M650DB

(1206, 31Vdc, 1.0J, 200A, 500pF, SnPb)

Multilayer Chip Varistor Datasheet

## BASIC SPECIFICATION

Case Size [EIA]	1206
Operating Temperature	-55 to +125°C
Grade	General
Termination	SnPb
RoHS	No
MSL Level	1
Packaging	T&R 7in (180mm)
Packaging Qty	2000 pcs



Non  
RoHS

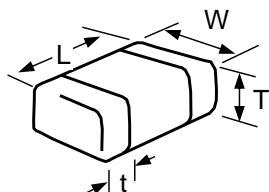


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## ELECTRICAL CHARACTERISTICS

DC Working Voltage	31 Vdc
AC Working Voltage	25 Vac
Breakdown Voltage [1mA DC]	39.0±10 V
Clamping Voltage [8x20µs]	65V @ 1A
Max Leakage Current [Vdc, 25°C]	15 µA
Transient Energy [10x1000µs]	1.0 J
Peak Power [10x1000µs]	750 W
Peak Current Rating [8x20µs]	200 A
Typical Capacitance [1kHz, 0.5Vrms, 25°C]	500 pF
Capacitance Tolerance	+100/-50%

## DIMENSIONS



	mm	inches
L	3.20±0.20	0.126±0.008
W	1.60±0.20	0.063±0.008
T	1.7 max	0.067 max
t	0.94 max	0.037 max

## SOLDERING PAD



	mm	inches
A	1.02	0.04
B	2.03	0.08
C	4.06	0.16
D	1.65	0.065

## HOW TO ORDER

<b>VCLD</b>	<b>1206</b>	<b>31</b>	<b>M</b>	<b>650</b>	<b>D</b>	<b>B</b>
Varistor Chip SnPb	Case Size	Working Voltage	Energy Rating	Clamping Voltage	Packaging	Termination
		31 = 31Vdc	M = 1.0J	650 = 65V	D = 7" reel (1,000pcs) R = 7" reel (2,000pcs) T = 13" reel (10,000pcs)	B = SnPb (5% Pb min)

TYPICAL CHARACTERISTICS

