VCLD120648D101RB

(1206, 48Vdc, 0.4J, 100A, 225pF, 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	4000 pcs

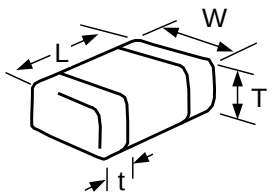
Non RoHS

Click for Online Data

ELECTRICAL CHARACTERISTICS

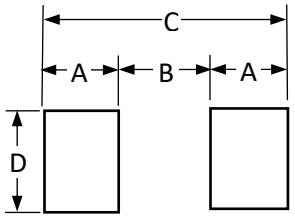
DC Working Voltage	48 Vdc
AC Working Voltage	34 Vac
Breakdown Votage [1mA DC]	62.0±10 V
Clamping Voltage [8x20µs]	100V @ 1A
Max Leakage Current [Vdc, 25°C]	10 µA
Transient Energy [10x1000µs]	0.4 J
Peak Power [10x1000µs]	300 W
Peak Current Rating [8x20µs]	100 A
Typical Capacitance [1kHz, 0.5Vrms, 25°C]	225 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	1.02 max	0.040 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

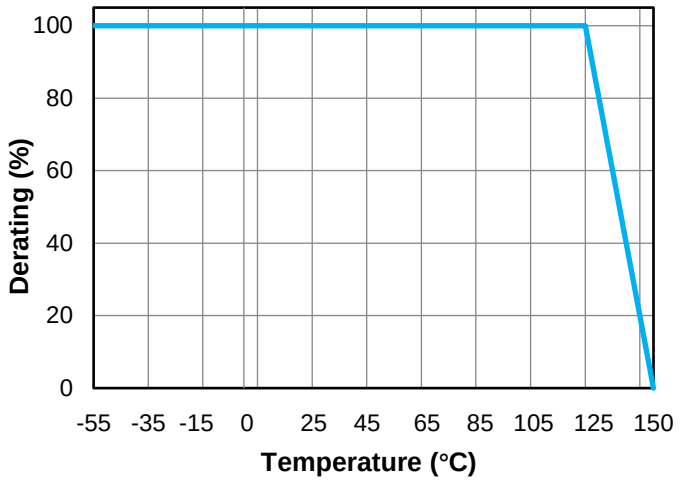
HOW TO ORDER

VCLD	1206	48	D	101	R	B
Varistor Chip SnPb	Case Size	Working Voltage	Energy Rating	Clamping Voltage	Packaging	Termination
		48 = 48Vdc	D = 0.4J	101 = 100V	D = 7“ reel (1,000pcs) R = 7“ reel (4,000pcs) T = 13“ reel (10,000pcs)	B = SnPb (5% Pb min)

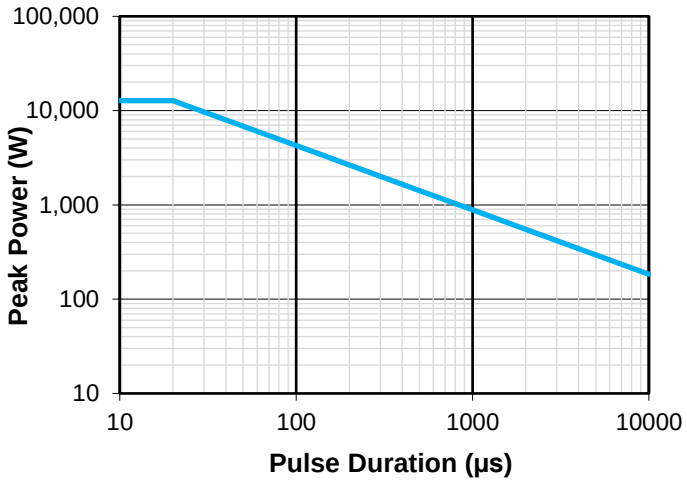
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TYPICAL CHARACTERISTICS

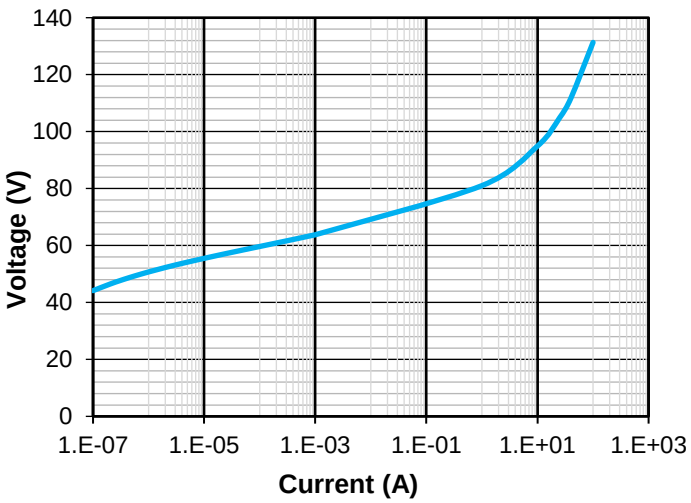
Temperature Derating (Energy, Current, Power)



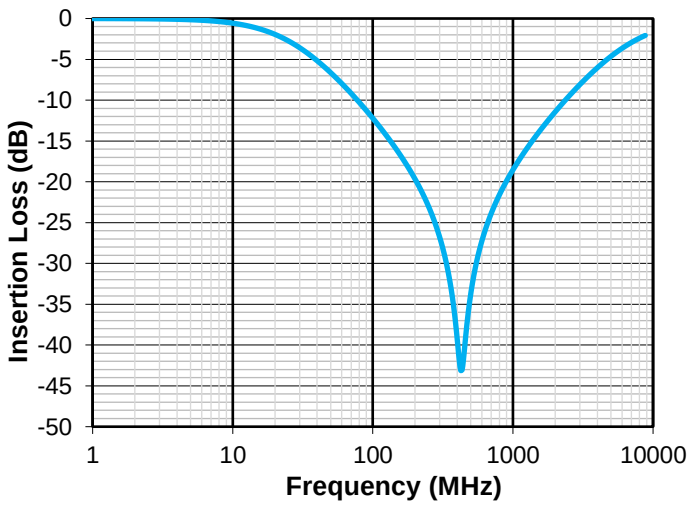
Power Derating



Voltage / Current



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NOTICE: Specifications are subject to change without notice. All statements, information and data given herein are beleived to be accurate and reliable, but are presented without guarantee or responsibility of any kind, expressed or implied. Specifications are typical and may not apply to all applications.