VCLD121030H620TB

(1210, 30Vdc, 1.2J, 280A, 1850pF, SnPb)

Multilayer Chip Varistor Datasheet

BASIC SPECIFICATION

Case Size [EIA]	1210
Operating Temperature	-55 to +125°C
Grade	General
Termination	SnPb
RoHS	No
MSL Level	1
Packaging	T&R 13in (330mm)
Packaging Qty	10000 pcs

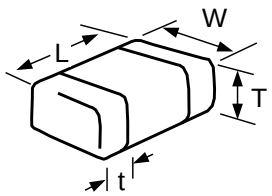
Non RoHS

Click for Online Data

ELECTRICAL CHARACTERISTICS

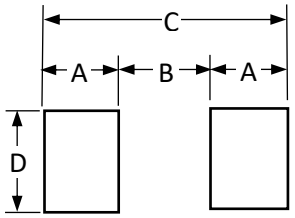
DC Working Voltage	30 Vdc
AC Working Voltage	21 Vac
Breakdown Votage [1mA DC]	41.0±10 V
Clamping Voltage [8x20µs]	67V @ 5A
Max Leakage Current [Vdc, 25°C]	10 µA
Transient Energy [10x1000µs]	1.2 J
Peak Power [10x1000µs]	900 W
Peak Current Rating [8x20µs]	280 A
Typical Capacitance [1kHz, 0.5Vrms, 25°C]	1850 pF
Capacitance Tolerance	+100/-50%

DIMENSIONS



	mm	inches
L	3.20±0.20	0.126±0.008
W	2.49±0.20	0.098±0.008
T	1.7 max	0.067 max
t	1.14 max	0.045 max

SOLDERING PAD



	mm	inches
A	1.02	0.04
B	2.03	0.08
C	4.06	0.16
D	2.54	0.1

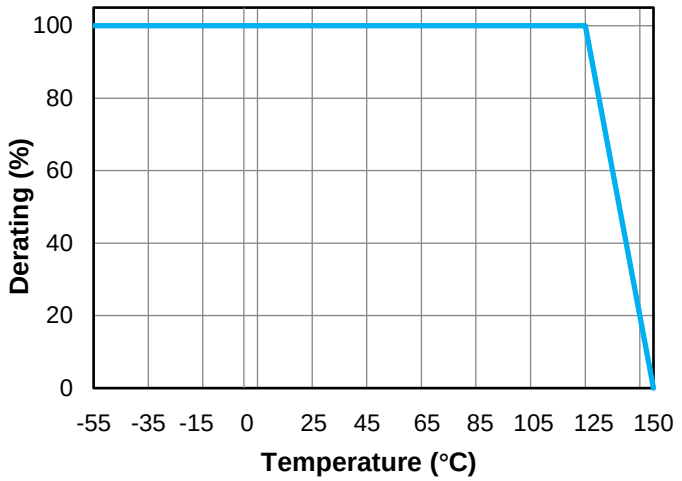
HOW TO ORDER

VCLD	1210	30	H	620	T	B
Varistor Chip SnPb	Case Size	Working Voltage	Energy Rating	Clamping Voltage	Packaging	Termination
		30 = 30Vdc	H = 1.2J	620 = 67V	D = 7“ reel (1,000pcs) R = 7“ reel (2,000pcs) T = 13“ reel (10,000pcs)	B = SnPb (5% Pb min)

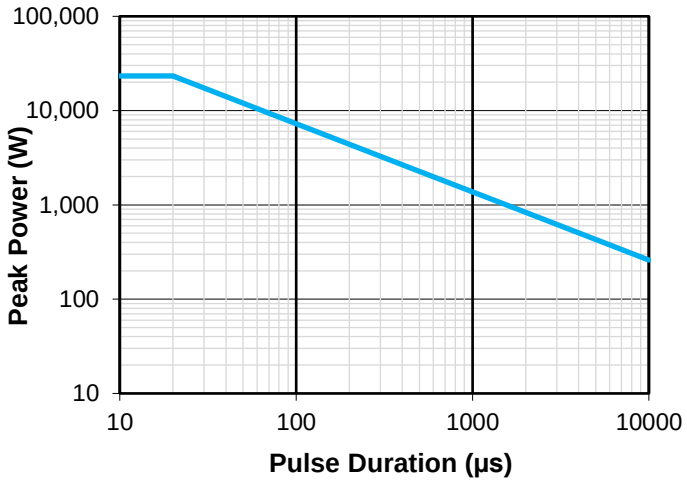
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TYPICAL CHARACTERISTICS

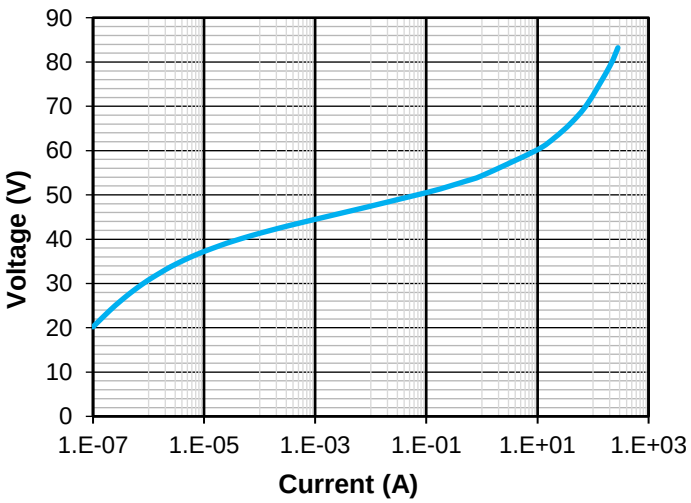
Temperature Derating (Energy, Current, Power)



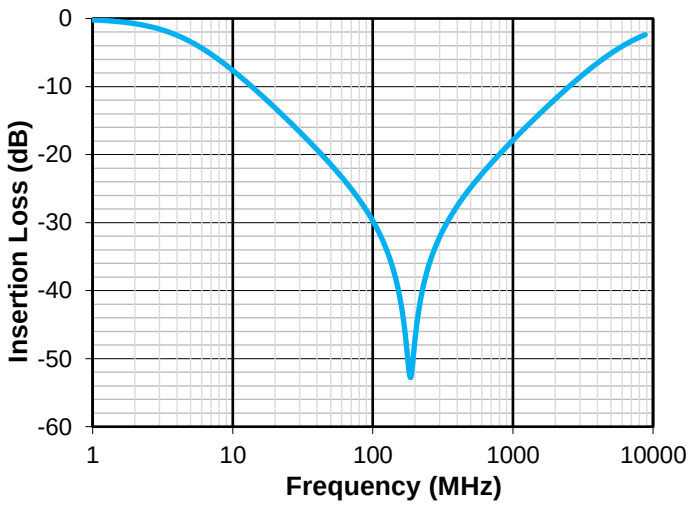
Power Derating



Voltage / Current



S21



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.