

VGAH121026H560DP

(1210, 26Vdc, 1.2J, 300A, 1200pF, Sn Term)

Multilayer Chip Varistor Datasheet



BASIC SPECIFICATION

Case Size [EIA]	1210
Operating Temperature	-55 to +150°C
Grade	Automotive & General
Qualification	AEC-Q200
Termination	Sn
RoHS	Yes
MSL Level	1
Packaging	T&R 7in (180mm)
Packaging Qty	1000 pcs



AEC-Q200
Qualified



RoHS
Compliant

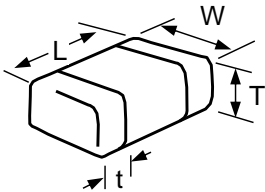


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Online Data

ELECTRICAL CHARACTERISTICS

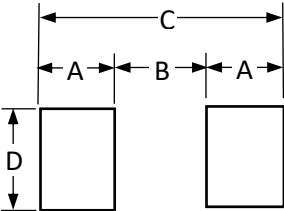
DC Working Voltage	26 Vdc
AC Working Voltage	18 Vac
Breakdown Votage [1mA DC]	34.5±10% V
Clamping Voltage [8x20µs]	60V @ 5A
Max Leakage Current [Vdc, 25°C]	15 µA
Transient Energy [10x1000µs]	1.2 J
Load Dump Energy [x10]	3 J
Peak Power [10x1000µs]	900 W
Peak Current Rating [8x20µs]	300 A
Typical Capacitance [1kHz, 0.5Vrms, 25°C]	1200 pF
Capacitance Tolerance	+100/-50%
Jump Start Voltage [5min]	27.5 V
Power Dissipation	0.018 W

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



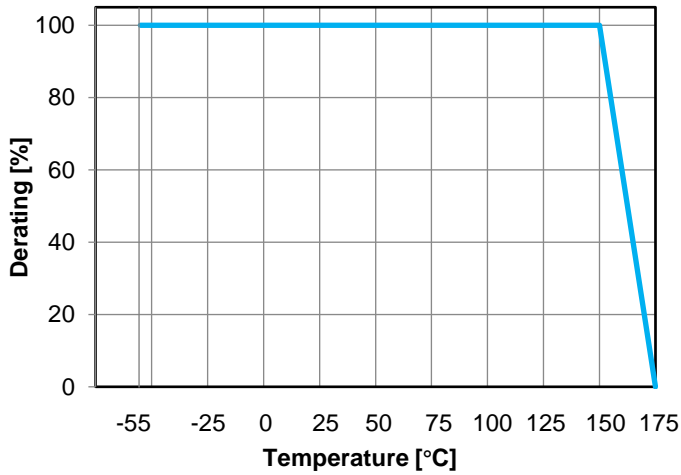
	mm	inches
A	1.02	0.04
B	2.03	0.08
C	4.06	0.16
D	2.54	0.1

HOW TO ORDER

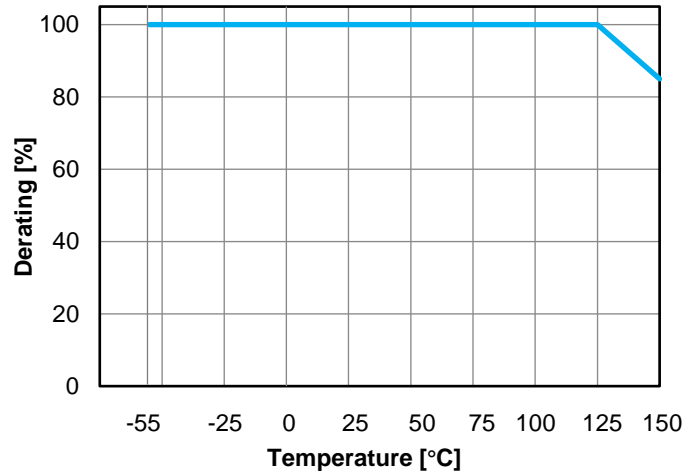
VGAH	1210	26	H	560	D	P
Varistor Glass Encapsulated 150°C	Case Size	Working Voltage	Energy Rating	Clamping Voltage	Packaging	Termination
		26 = 26 Vdc	H = 1.2J	560 = 60V	D = 7" reel (1,000pcs) R = 7" reel (2,000pcs) T = 13" reel (10,000pcs)	P = Sn

TYPICAL CHARACTERISTICS

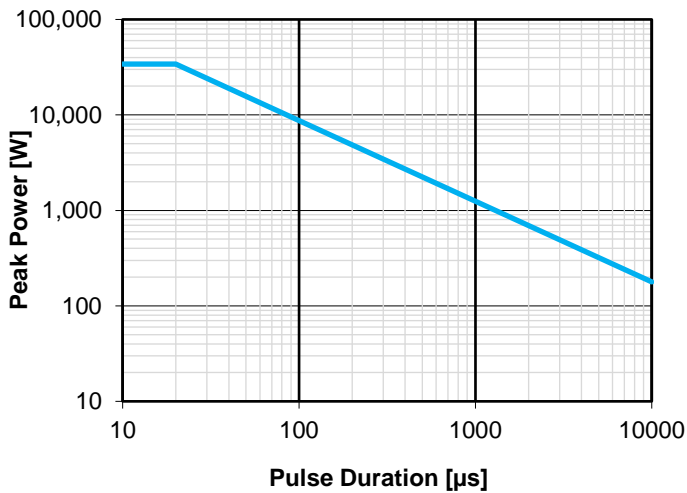
Temperature Derating (Energy, Current, Power)



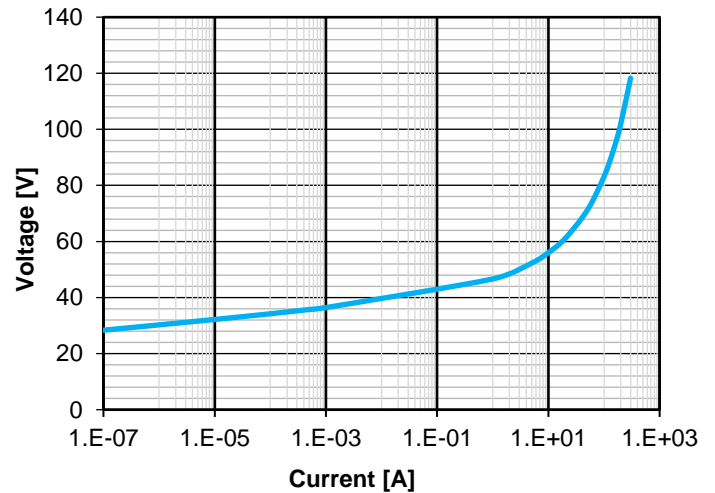
Temperature Derating (Working Voltage)



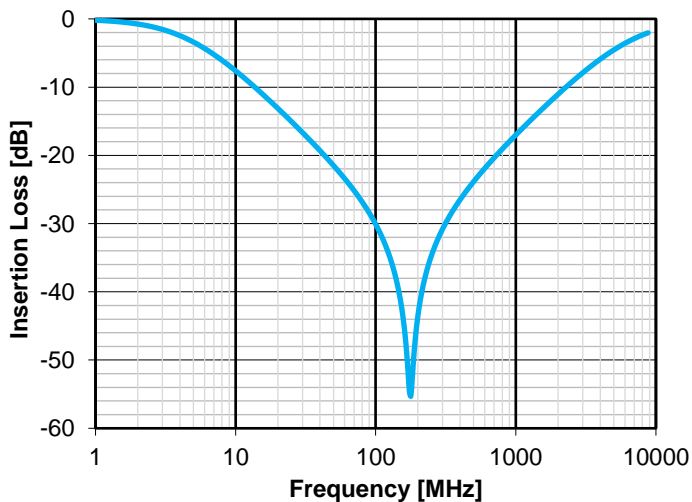
Power Derating



Voltage / Current



S21



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