

# VTA7080526D580RP

(0805, 26Vdc, 0.4J, 100A, 275pF, Sn Term)

Multilayer Chip Varistor Datasheet

## BASIC SPECIFICATION

Case Size [EIA]	0805
Operating Temperature	-55 to +175°C
Grade	Automotive & General
Qualification	AEC-Q200
Termination	Sn
RoHS	Yes
MSL Level	1
Packaging	T&R 7in (180mm)
Packaging Qty	4000 pcs



AEC-Q200  
Qualified



RoHS  
Compliant

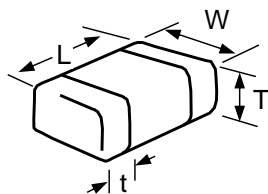


Click for  
Online Data

## ELECTRICAL CHARACTERISTICS

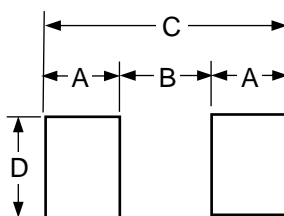
DC Working Voltage	26 Vdc
AC Working Voltage	18 Vac
Breakdown Voltage [1mA DC]	34.5±10% V
Clamping Voltage [8x20µs]	60V @ 1A
Max Leakage Current [Vdc, 25°C]	10 µA
Transient Energy [10x1000µs]	0.4 J
Load Dump Energy [x10]	0.6 J
Peak Power [10x1000µs]	0 W
Peak Current Rating [8x20µs]	100 A
Typical Capacitance [1kHz, 0.5Vrms, 25°C]	275 pF
Capacitance Tolerance	+100/-50%
Jump Start Voltage [5min]	29 V
Power Dissipation	0.008 W

## DIMENSIONS



	mm	inches
L	2.01±0.20	0.079±0.008
W	1.25±0.20	0.049±0.008
T	1.02 max	0.040 max
t	0.71 max	0.028 max

## SOLDERING PAD



	mm	inches
A	1.02	0.04
B	1.02	0.04
C	3.05	0.12
D	1.27	0.05

## HOW TO ORDER

**VTA7**

Varistor  
175°C

**0805**

Case Size

**26**

Working  
Voltage

26 = 26 Vdc

**D**

Energy  
Rating

D = 0.4J

**580**

Clamping  
Voltage

580 = 60V

**R**

Packaging

D = 7" reel (1,000pcs)  
R = 7" reel (4,000pcs)  
T = 13" reel (10,000pcs)

**P**

Termination

P = Sn

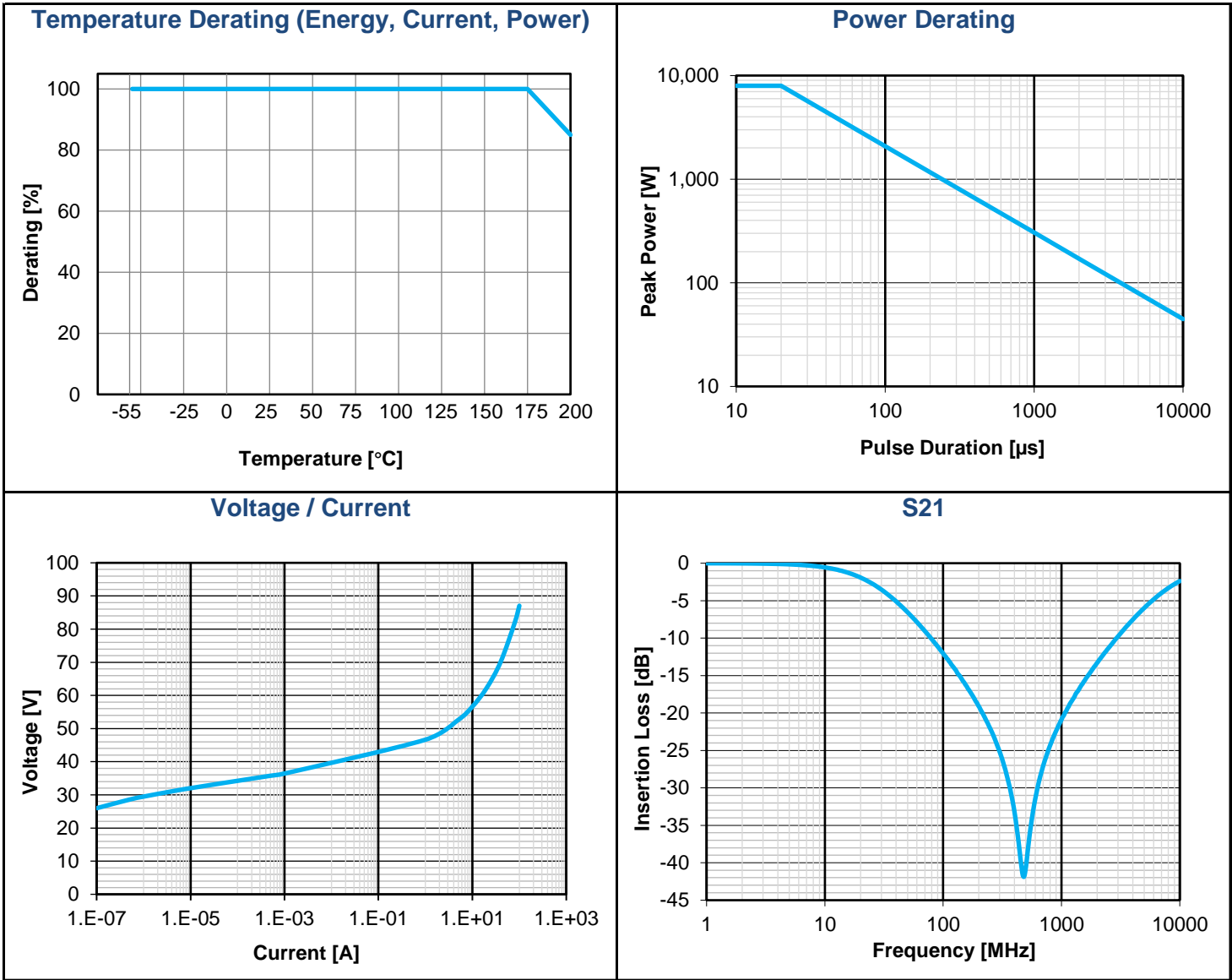
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TYPICAL CHARACTERISTICS



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