

# VC120630D650TP

(1206, 30Vdc, 0.4J, 120A, 400pF, Sn Term)

Multilayer Chip Varistor Datasheet

## BASIC SPECIFICATION

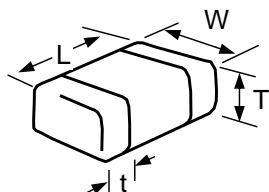
Case Size [EIA]	1206
Operating Temperature	-55 to +125°C
Grade	General
Termination	Sn
RoHS	Yes
MSL Level	1
Packaging	T&R 13in (330mm)
Packaging Qty	10000 pcs



## ELECTRICAL CHARACTERISTICS

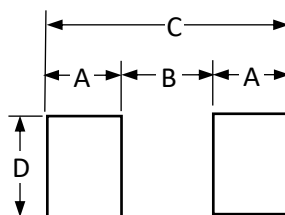
DC Working Voltage	30 Vdc
AC Working Voltage	21 Vac
Breakdown Voltage [1mA DC]	41.0±10% V
Clamping Voltage [8x20µs]	67V @ 1A
Max Leakage Current [Vdc, 25°C]	10 µA
Transient Energy [10x1000µs]	0.4 J
Peak Power [10x1000µs]	300 W
Peak Current Rating [8x20µs]	120 A
Typical Capacitance [1kHz, 0.5Vrms, 25°C]	400 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

<b>VC</b>	<b>1206</b>	<b>30</b>	<b>D</b>	<b>650</b>	<b>T</b>	<b>P</b>
Varistor Chip	Case Size	Working Voltage	Energy Rating	Clamping Voltage	Packaging	Termination
		30 = 30Vdc	D = 0.4J	650 = 67V	D = 7" reel (1,000pcs) R = 7" reel (4,000pcs) T = 13" reel (10,000pcs)	P = Sn

TYPICAL CHARACTERISTICS

