

CAN0002RP

(0405 2 Array, 18Vdc, 0.015J, 4A, 22pF, Sn Term, AEC-Q200)

Multilayer Chip Array Varistor Datasheet



BASIC SPECIFICATION

Case Size [EIA]	0405 2 Array
Operating Temperature	-55 to +125°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

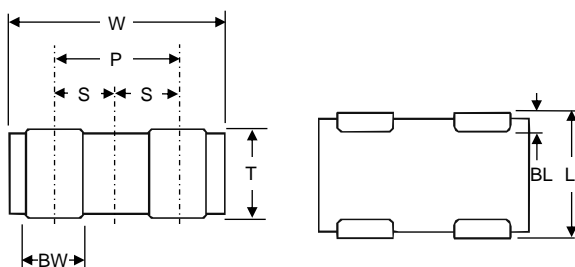


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ELECTRICAL CHARACTERISTICS

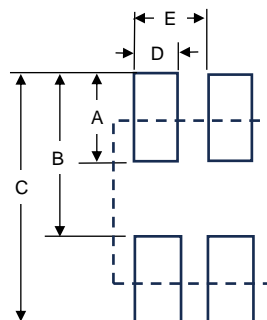
DC Working Voltage	18 Vdc
AC Working Voltage	14 Vac
Breakdown Voltage [1mA DC]	70 V
Clamping Voltage [8x20μs]	145V @ 1A
Max Leakage Current [Vdc, 25°C]	2 μA
Transient Energy [10x1000μs]	0.015 J
Peak Power [10x1000μs]	11 W
Peak Current Rating [8x20μs]	4 A
Typical Capacitance [1MHz, 0.5Vrms, 25°C]	22 pF
Capacitance Tolerance	Max
Jump Start Voltage [5min]	27.5 V
Power Dissipation	0.003 W

DIMENSIONS



	mm	inches
L	1.00±0.15	0.039±0.006
W	1.37±0.15	0.054±0.006
T	0.66 max	0.026 max
P	0.64 ref	0.025 ref
S	0.32±0.10	0.013±0.004
BW	0.36±0.10	0.014±0.004
BL	0.20±0.10	0.025 ref

SOLDERING PAD



	mm	inches
A	0.46	0.018
B	0.74	0.029
C	1.20	0.047
D	0.38	0.015
E	0.64	0.025

HOW TO ORDER

CAN	0002	R	P
Communication Bus	Case Size	Packaging	Termination
	0002 = 0405 2 Array	D = 7" reel (1,000pcs) R = 7" reel (4,000pcs) T = 13" reel (10,000pcs)	P = Sn

TYPICAL CHARACTERISTICS

