

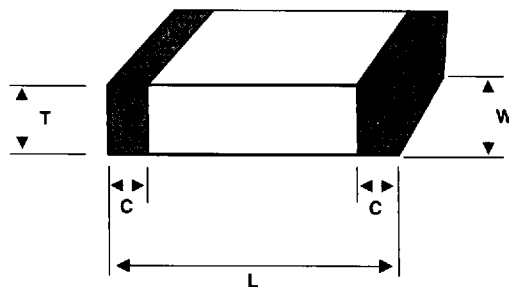
Specifications**Maximum Ratings****Electrical Characteristics**

Part Number	Working Voltage		Rated Single Pulse Transient		Varistor Voltage @ 1mA DC		Maximum Clamping Voltage 8/20 μ s 10A	Typical Capacitance @ 1MHZ
	AC RMS Volts	DC Volts	Energy 10/1000 μ s Joules	Peak 8/20 μ s Amps	Min Volts	Max Volts	Volts	PicoFarads
VA-A3216-3R5□□	2.5	3.5	0.4	150	3.7	5.5	14	8000
VA-A3216-5R5□□	4.0	5.5	0.4	150	7.1	9.3	16	5300
VA-A3216-080□□	5.7	8.0	0.4	150	9.6	12.5	24	4100
VA-A3216-110□□	7.8	11.0	0.4	150	12.7	15.5	27	3300
VA-A3216-140□□	10.0	14.0	0.4	150	15.9	20.3	30	3100
VA-A3216-180□□	12.7	18.0	0.4	150	22.0	28.0	40	2400
VA-A3216-260□□	18.4	26.0	0.4	120	29.5	38.5	58	1800
VA-A3216-330□□	23.3	33.0	0.4	120	38.0	45.0	72	950
VA-A3216-420□□	30.0	42.0	0.4	100	46.0	56.0	86	550
VA-A3216-560□□	40.0	56.0	0.4	100	58.0	76.0	110	350
VA-A3216-680□□	48.1	68.0	0.4	100	76.0	90.0	130	260
Low Capacitance Series								
VA-A3216-3R5J□□	2.5	3.5	0.1	30	3.7	5.5	14	4300
VA-A3216-5R5J□□	4.0	5.5	0.1	40	7.1	9.3	16	2800
VA-A3216-080J□□	5.7	8.0	0.1	40	9.6	12.5	24	2200
VA-A3216-110J□□	7.8	11.0	0.1	40	12.7	15.5	27	1800
VA-A3216-140J□□	10.0	14.0	0.1	40	15.9	20.3	30	1600
VA-A3216-180J□□	12.7	18.0	0.1	30	22.0	28.0	40	1300
Very Low Capacitance Series								
VL-A3216-180J□□	12.7	18.0	0.1	20	22.0	28.0	50	<200

1206 Series is the U. S. equivalent for the 3216 millimeter series.

Dimensions

L =	3.2 $\pm$ 0.2 mm 0.126 $\pm$ 0.008 inches
W =	1.6 $\pm$ 0.2 mm 0.063 $\pm$ 0.008 inches
T =	1.3 $\pm$ 0.2 mm 0.039 $\pm$ 0.008 inches
C =	0.7 mm max 0.028 inches max



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Standard Quantities

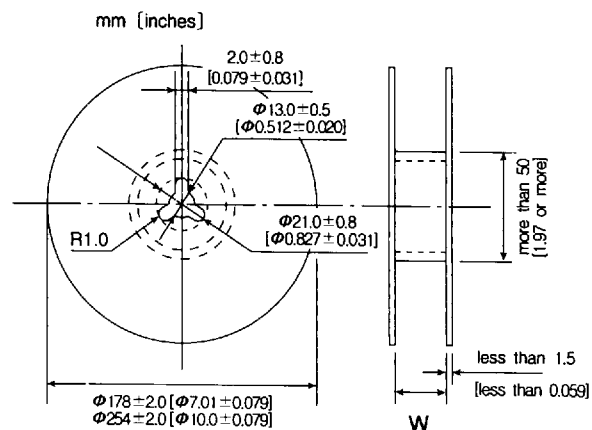
The quantity per reel or per bulk package is indicated below. Orders for all Multilayer Varistors are processed and shipped in full reel/bulk increments, or multiples of.

<u>3,000 Taped and Reeled:</u>	0805 Series, 1206 Series	<u>4,000 Taped and Reeled:</u>	0603 Series
<u>7,000 Taped and Reeled:</u>	0805 Series, 1206 Series	<u>8,000 Taped and Reeled:</u>	0603 Series

The packaging specifications indicated are standard for the majority of configurations. Please consult World Products for specific details.

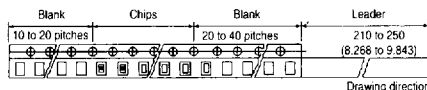
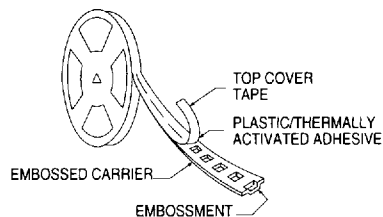
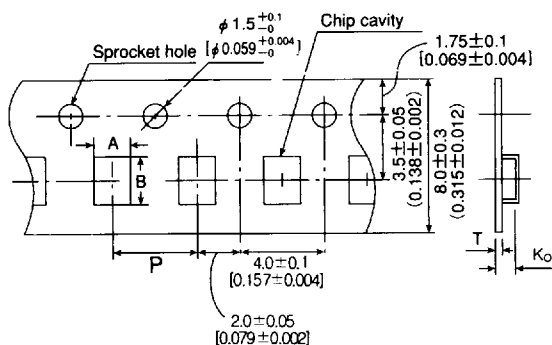
Reel Dimensions

W = 9.0 ± 0.3 mm
0.354 ± 0.012 inches



Taping Dimension

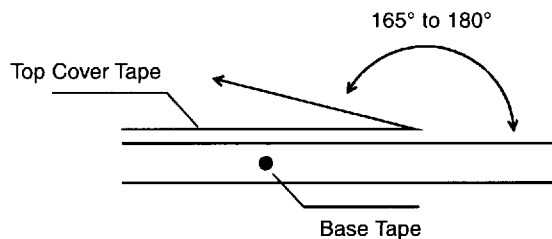
mm [inches]



The pitch holes shift within $\pm 0.3\text{mm}$ [0.012inches] for cumulative 10 pitches.

	0603 Series		0805 Series		1206 Series	
	mm	inches	mm	inches	mm	inches
A $\pm 0.1\text{mm}$ (0.004 inches)	1.00	0.040	1.45	0.057	1.90	0.075
B $\pm 0.1\text{ mm}$ (0.004 inches)	1.80	0.070	2.25	0.088	3.60	0.142
P $\pm 0.1\text{ mm}$ (0.004 inches)	2.0	0.080	4.0	0.157	4.0	0.157
$K_0 \pm 0.1\text{ mm}$ (0.004 inches)	0.95	0.037	1.00	0.040	1.35	0.053
T maximum	0.3	0.012	0.3	0.012	0.3	0.012

Top Tape Dimension



The force for tearing of top tape is 20 to 70 grams in the arrow direction.

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