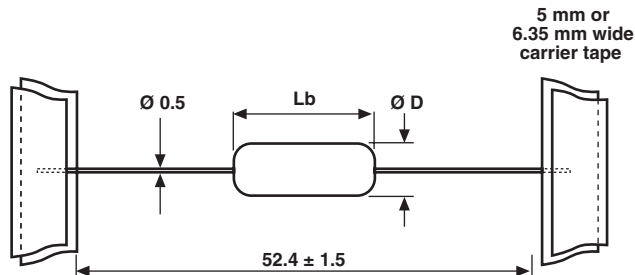


## Multilayer Ceramic Dipped Axial Capacitors 50 V<sub>DC</sub>, 100 V<sub>DC</sub>, 200 V<sub>DC</sub> and 500 V<sub>DC</sub>

### DIMENSIONS



CAPACITOR DIMENSIONS AND WEIGHT in millimeter (inches)			
SIZE	L <sub>b</sub> <sub>max.</sub>	Ø D <sub>max.</sub>	WEIGHT (g)
15	3.8 (0.150)	2.5 (0.100)	≈ 0.14
20	5.0 (0.200)	3.0 (0.120)	≈ 0.15

### MARKING

Data Code (DDD):

Three-digit code; first digit denotes year, last two denote week of manufacture.

941 = 1999, week 41

Capacitance Value (CCC):

10 pF to 100 pF; actual value in pF

(2 digits only)

100 pF and above; coded capacitance value

(same as used in P/N)

Capacitance Tolerance (T):

Standard EIA tolerance

(same as used in P/N)

Material Code (M)

A = C0G

C = X7R

Y = Y5V

Voltage Code (V):

1 = 100 V

2 = 200 V

4 = 500 V

5 = 50 V





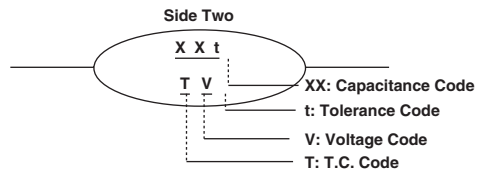
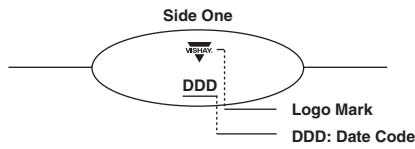
# Dimensions and Marking

Multilayer Ceramic Dipped Axial Capacitors  
50 V<sub>DC</sub>, 100 V<sub>DC</sub>, 200 V<sub>DC</sub> and 500 V<sub>DC</sub>

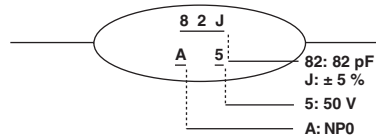
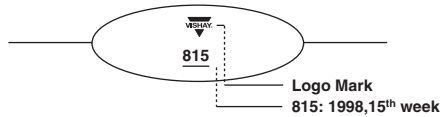
Vishay

MARKING CODE DESCRIPTION				
DDD	XXX	t	V	T
DATE CODE	CAPACITANCE CODE	TOLERANCE CODE	VOLTAGE CODE	T.C. CODE
The first digit is the year, the last two digits are the week 309 = 2003, 9 <sup>th</sup> week 317 = 2003, 17 <sup>th</sup> week	Two significant digits followed by one digit for the multiplier as given below. 0 = x 1      2 = x 100      4 = x 10 000 1 = x 10      3 = x 1000      5 = x 100 000 9 = x 0.1	J = ± 5 % K = ± 10 % M = ± 20 % Z = + 80 %/- 20 %	1 = 100 V 2 = 200 V 4 = 500 V 5 = 50 V	A = C0G (NP0) C = X7R Y = Y5V

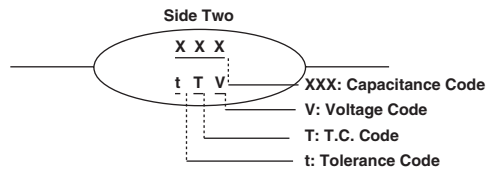
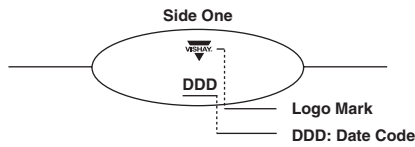
### CAPACITANCE VALUE < 100 pF:



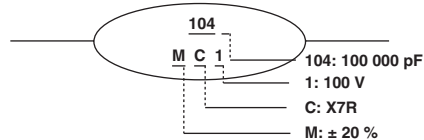
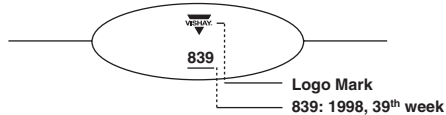
For Example:



### CAPACITANCE VALUE ≥ 100 pF:



For Example:



#### Note

- Vishay or BCcomponents logo can be marked on the products body