

## ● Part Numbering

### High Voltage Ceramic Capacitors (250V-6.3kV)

(Part Number) 

DE	B	B3	3A	102	K	N2	A	
1	2	3	4	5	6	7	8	9

#### ① Product ID

Product ID	
<b>DE</b>	High Voltage Ceramic Capacitors (250V-6.3kV) / Safety Standard Certified Ceramic Capacitors

#### ② Series Category

Code	Outline	Contents
<b>A</b>	High Voltage	Class 1 (Char. SL) DC1-3.15kV Rated
<b>B</b>		Class 2 DC1-3.15kV Rated
<b>C</b>		Class 1, 2 DC6.3kV Rated
<b>H</b>		High Temperature Guaranteed, Low-dissipation Factor (Char. R, C)
<b>S</b>		High Temperature Guaranteed, Low-dissipation Factor (Char. D)
<b>F</b>		LCD Backlight Inverter Circuit

First three digits (①Product ID and ②Series Category) express "Series Name".

#### ③ Temperature Characteristics

Code	Temperature Characteristics	Cap. Change or Temp. Coeff.	Temperature Range
<b>B3</b>	B	±10%	
<b>E3</b>	E	+20%, -55%	
<b>F3</b>	F	+30%, -80%	
<b>C3</b>	C	±20%	−25 to +85°C
		+15%, -30%	+85 to +125°C
<b>R3</b>	R	±15%	−25 to +85°C
		+15%, -30%	+85 to +125°C
<b>D3</b>	D	+20%, -30%	−25 to +125°C
<b>1X</b>	SL	+350 to −1000ppm/°C	+20 to +85°C
<b>2C</b>	CH	0±60ppm/°C	+20 to +85°C

#### ④ Rated Voltage

Code	Rated Voltage
<b>2E</b>	DC250V
<b>2H</b>	DC500V
<b>3A</b>	DC1kV
<b>3D</b>	DC2kV
<b>3F</b>	DC3.15kV
<b>3J</b>	DC6.3kV
<b>LH</b>	6.3kVp-p

#### ⑤ Capacitance

Expressed by three figures. The unit is pico-farad (pF). The first and second figures are significant digits, and the third figure expresses the number of zeros which follow the two numbers.

#### ⑥ Capacitance Tolerance

Code	Capacitance Tolerance
<b>C</b>	±0.25pF
<b>D</b>	±0.5pF
<b>J</b>	±5%
<b>K</b>	±10%
<b>Z</b>	+80%, -20%

#### ⑦ Lead Style

Code	Lead Style	Dimensions (mm)		
		Lead Spacing	Lead Diameter	Pitch of Components
<b>A2</b>	Vertical Crimp Long	5	ø0.6±0.05	—
<b>A3</b>		7.5		
<b>A4</b>		10		
<b>B2/J2</b>	Vertical Crimp Short	5	ø0.6±0.05	—
<b>B3/J3</b>		7.5		
<b>B4</b>		10		
<b>C1</b>	Straight Long	5	ø0.5±0.05	—
<b>C3</b>		7.5	ø0.6±0.05	
<b>C4</b>		10	ø0.5±0.05	
<b>CD</b>	Straight Short	7.5	ø0.5±0.05	—
<b>D1</b>		5	ø0.5±0.05	
<b>D3</b>		7.5	ø0.6±0.05	
<b>DD</b>		7.5	ø0.5±0.05	
<b>N2</b>	Vertical Crimp Taping	5	ø0.6±0.05	12.7
<b>N3</b>		7.5		15
<b>N7</b>		7.5		30
<b>P2</b>	Straight Taping	5	ø0.6±0.05	12.7
<b>P3</b>		7.5		15

#### ⑧ Packaging

Code	Packaging
<b>A</b>	Ammo Pack Taping Type
<b>B</b>	Bulk Type

#### ⑨ Individual Specification Code

In case part number cannot be identified without "Individual Specification", it is added at the end of part number. Expressed by three-digit alphanumerics.

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