● Part Numbering

High Voltage Ceramic Capacitors (250V-6.3kV)

(Part Number)

DE	B	B3	3A	102	K	N2	A	
❶	❷	❸	❹	❺	❻	❼	❽	❾

❶Product ID

Product ID	
DE	High Voltage (250V - 6.3kV) / Safety Standard Recognized Ceramic Capacitors

❷Series Category

Code	Outline	Contents
A	High Voltage	Class 1 (char. SL) DC1-3.15kV Rated
B		Class 2 DC1-3.15kV Rated
C		Class 1, 2 DC6.3kV Rated
H		High Temperature Guaranteed, Low-dissipation Factor (char. R, C)
S		High Temperature Guaranteed, Low-dissipation Factor (char. D)

First three digits (❶Product ID and ❷Series Category) express "Series Name".

❸Temperature Characteristics

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

❹Rated Voltage

Code	Rated Voltage
2E	DC250V
2H	DC500V
3A	DC1kV
3D	DC2kV
3F	DC3.15kV
3J	DC6.3kV

❺Capacitance

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.
If there is a decimal point, it is expressed by the capital letter "**R**". In this case, all figures are significant digits.

❻Capacitance Tolerance

Code	Capacitance Tolerance
D	±0.5pF
J	±5%
K	±10%
Z	+80%, −20%

❼Lead Style

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

❽Packaging

Code	Packaging
A	Ammo Pack
B	Bulk

❾Individual Specification Code

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