● 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)
F		LCD Backlight Inverter Circuit

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℃
2C	CH	0±60ppm/℃	+20 to +85℃

❹Rated Voltage

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

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.

❻Capacitance Tolerance

Code	Capacitance Tolerance
C	±0.25pF
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 Taping Type
B	Bulk Type

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-digit alphanumerics.