# Part Numbering

High Voltage Ceramic Capacitors (250V-6.3kV)

(Part Number)	DE		 <u> </u>	102 5	<u> </u>		
Product ID							
Product ID							
DE	High Voltage (250V - 6.3kV) / Safety Standard Recognized Ceramic Capacitors						

**2**Series Category

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

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

#### **3**Temperature Characteristics

Code	Temperature Characteristics	Cap. Change or Temp. Coeff.	Temperature Range	
B3	В	±10%		
E3	E	+20%,-55%	–25 to +85℃	
F3	F	+30%,-80%		
C3	С	±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℃	

A Rated Voltage

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

#### **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. If there is a decimal point, it is expressed by the capital letter " ${\ensuremath{\mathsf{R}}}$  ". In this case, all figures are significant digits.

### 6 Capacitance Tolerance

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

## Lead Style

	Lead	Dimensions(mm)			
Code	Style	Lead Spacing	Lead Diameter	Pitch of Components	
A2	Vertical	5		_	
A3	Crimp	7.5	ø0.6±0.05		
A4	Long	10			
B2/J2	Vertical	5		_	
B3/J3	Crimp	7.5	ø0.6±0.05		
B4	Short	10			
C1		5	ø0.5±0.05		
C3	Straight	7.5	ø0.6±0.05	_	
C4	Long	10			
CD		7.5	ø0.5±0.05		
D1	<u> </u>	5	ø0.5±0.05		
D3	Straight Short	7.5	ø0.6±0.05	_	
DD	onort	7.5	ø0.5±0.05		
N2	Vertical Crimp	5	ø0.6±0.05	12.7	
N3		7.5		15	
N7	Taping	7.5		30	
P2	Straight	5	~0.6±0.0E	12.7	
P3	Taping	7.5	ø0.6±0.05	15	

### 8Packaging

Code	Packaging
Α	Ammo Pack
В	Bulk

#### 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 figures.

