

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

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

③ Temperature Characteristics

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

④ 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 "R". In this case, all figures are significant digits.

⑥ Capacitance Tolerance

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

⑦ Lead 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	ø0.5±0.05	
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

⑧ Packaging

Code	Packaging
A	Ammo Pack
B	Bulk

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 figures.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [murata](#) manufacturer:

Other Similar products are found below :

[786028C](#) [MGJ1D121905MPC-R7](#) [MGJ2D051515SC](#) [82103C](#) [82224C](#) [82473C](#) [GCM32EC71H106MA03L](#) [GRM2165C1H101FA01D](#)
[PTGL09AS2R2K3B51B0](#) [11R683C](#) [DD1274AS-H-220M=P3](#) [DFE252012P-1R0M=P2](#) [BPM15-120-Q12P-C](#) [NMK1212SC](#) [NMV1212DAC](#)
[LQH43MN330J03L](#) [GJM0335C1E220GB01D](#) [GRM1885C1H150FA01J](#) [GRM21BR71C475KE51L](#) [GRM3195C2A471JD01D](#)
[GRM31CR61A475KA01L](#) [RF1211C](#) [MGJ2D121509SC](#) [MGJ6D122005LMC-R7](#) [#B953AS-330M=P3](#) [BLM18AG601SN1J](#) [HN-214](#) [HN-214X](#) [TZ03P450](#) [UEE-12/12.5-D48NB-C](#) [LBWB1ZZYDZ-DTEMP-SNIC-UART-A](#) [LLM315R70J225MA11L](#) [46334C](#) [DR4103](#) [SCA830-D07-PCB](#) [NKE1212DC](#) [NMA1215SC](#) [UVQ-48/2.5-D24PB-C](#) [RDE5C1H472J1M1H03A](#) [IML-0642](#) [HPR105C](#) [HPQ-12/25-D48PB-C](#) [UWS-5/10-Q48N-C](#) [UWR-5/2000-D24E-C](#) [19R683C](#) [UHE-152000-D24-C](#) [782485/35C](#) [UEI-3.3/15-Q12PR-C](#) [MGJ2D122005SC](#) [MEV1S0505SC](#)