

# Part Numbering

[Part Number] DK1E3EA102M86RAH01  
DE1E3RA102MN4AN01F

DE1	E3	RA	102	M	N4	R	AH01
DK1	E3	EA	102	M	86	A	N01F
①	②	③	④	⑤	⑥	⑦	⑧
Series	Temperature Characteristics	Rated Voltage/Certified Type	Capacitance	Capacitance Tolerance	【For DE*】 Lead Style 【For DK1】 Body Dimension	Packaging	Individual Specification Code

## ① Series

Code	Series	Contents
DE1	Safety Standard Certified Lead Type Disc Ceramic Capacitors for Consumer Electronics & Industrial Equipment	IEC60384-14 ClassX1, Y1
DE2		IEC60384-14 ClassX1, Y2
DE6	Safety Standard Certified Lead Type Disc Ceramic Capacitors for Automotive (Powertrain/Safety)	IEC60384-14 ClassX1, Y2
DK1	Safety Standard Certified Resin Molding SMD Type Ceramic Capacitors for Consumer Electronics & Industrial Equipment	IEC60384-14 ClassX1, Y1

## ② Temperature Characteristics

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

## ③ Rated Voltage/Certified Type

Code	⑧ Individual Specification Code	Rated Voltage	Certified Type
EA	A***	X1 : 440Vac(r.m.s.)/1500Vdc, Y1 : 250Vac(r.m.s.)/1500Vdc	Type EA
	B***	X1 : 440Vac(r.m.s.)/1500Vdc, Y1 : 300Vac(r.m.s.)/1500Vdc	
KJ	E***	X1 : 440Vac(r.m.s.), Y2 : 300Vac(r.m.s.), 1kVdc	Type KJ
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KX	C***	X1 : 440Vac(r.m.s.), Y1 : 250Vac(r.m.s.)	Type KX
	N***	X1 : 440Vac(r.m.s.), Y1 : 250Vac(r.m.s.)	
	P***	X1 : 440Vac(r.m.s.), Y1 : 300Vac(r.m.s.)	
KY	M***	X1 : 250Vac(r.m.s.), Y2 : 250Vac(r.m.s.)	Type KY
	U***	X1 : 250Vac(r.m.s.), Y2 : 300Vac(r.m.s.)	
RA	H***	X1 : 440Vac(r.m.s.), Y1 : 400Vac(r.m.s.), 1kVdc	Type RA
	N***	X1 : 440Vac(r.m.s.), Y1 : 250Vac(r.m.s.), 1kVdc	
	P***	X1 : 440Vac(r.m.s.), Y1 : 300Vac(r.m.s.), 1kVdc	
	Q***	X1 : 500Vac(r.m.s.), Y1 : 500Vac(r.m.s.), 1.5kVdc	
RB	R***	X1 : 760Vac(r.m.s.), Y1 : 500Vac(r.m.s.), 1.5kVdc	Type RB
SA	T***	X1 : 300Vac(r.m.s.), Y2 : 250Vac(r.m.s.), 1kVdc	Type SA
	X***	X1 : 300Vac(r.m.s.), Y2 : 300Vac(r.m.s.), 1kVdc	
	Y***	X1 : 440Vac(r.m.s.), Y2 : 400Vac(r.m.s.), 1.5kVdc	

## ④ 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 that follow the two numbers.

## ⑤ Capacitance Tolerance

Code	Capacitance Tolerance
J	±5%
K	±10%
M	±20%

## ⑥ Lead Style (For DE\*)

Code	Lead Style	Dimensions		
		Lead Spacing	Lead Diameter	Pitch of Components
A2	Vertical Crimp Long	5mm	ø0.6±0.05mm	—
A3		7.5mm		
A4		10mm		
B2/J2	Vertical Crimp Short	5mm	ø0.6±0.05mm	—
B3/J3		7.5mm		
B4/J4		10mm		
N2	Vertical Crimp Taping	5mm	ø0.6±0.05mm	12.7mm
N3		7.5mm		15mm
N4		10mm		25.4mm
N7		7.5mm		30mm

## ⑦ Body Dimension (For DK1)

Code	Dimensions
86	8.0x6.0mm

## ⑧ Packaging

Code	Packaging
A	Ammo Pack Taping
B	Bulk
H	ø180mm Embossed Taping
R	ø330mm Embossed Taping

## ⑨ Individual Specification Code

For part number that cannot be identified without "Individual Specification," it is added at the end of part number, expressed by three or four-digit alphanumerics.