

KEC10 Series

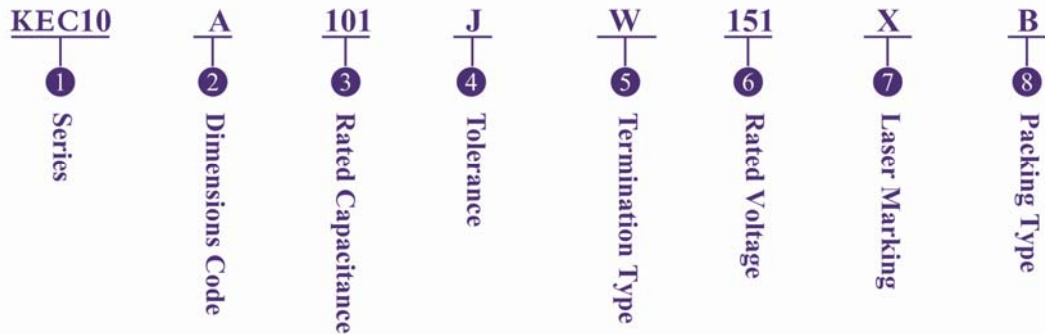
◆Product Features

High Q, High Power, Low ESR/ESL, low Noise, High Self-Resonance,
Ultra-Stable Performance.

◆Typical applications field

Wireless Broadcasting Equipment, Mobile Base Stations, GPS Portables,
Medical (MRI coils), Radar.

◆Part Numbering



① **KEC10 Series – High Q, High Power Type** (Temperature coefficient: $+90 \pm 20\text{ppm}/^\circ\text{C}$)

② Dimensions Code

unit:inch(millimeter)

	10A	10B	10C	10D	10E
Length	0.055	0.110	0.230	0.08	0.380
	$+0.015 \sim -0.010$	$+0.020 \sim -0.010$	$+0.020 \sim -0.010$	± 0.010	$+0.015 \sim -0.010$
	(1.4 $+0.38 \sim -0.25$)	(2.79 $+0.51 \sim -0.25$)	(5.84 $+0.51 \sim -0.25$)	(2.0 $+0.25 \sim -0.25$)	(9.65 $+0.38 \sim -0.25$)
Width	0.055 ± 0.010	0.110 ± 0.010	0.250 ± 0.015	0.05 ± 0.010	0.380 ± 0.010
	(1.4 ± 0.205)	(2.79 ± 0.25)	(6.35 ± 0.38)	(1.2 ± 0.25)	(9.65 ± 0.25)
Thickness	0.057(1.45)max	0.10(2.6)max	0.165(4.19)max	0.057(1.45)max	0.177(4.5)max

③ Rated Capacitance

Capacitance is less than 10pF; for example: 1R0=1.0pF, R denote point.

Capacitance is not less than 10pF; for example: 101=100pF, The third number is the power of 10.

④ Tolerance

Code	A	B	C	D	F	G	J	K	M
Tolerance	±0.05pF	±0.1pF	±0.25pF	±0.5pF	±1%	±2%	±5%	±10%	±20%

⑤ Termination Type

Code	W	P	C	MS	AR	RR	AW	RW
Type	Nickel, Plated 100% Sn(RoHS)	Non-magnetic Copper Plated 100% Sn(RoHS)	Palladium Silver	Microstrip	Axial Ribbon	Radial Ribbon	Axial Wire	Radial wire

Code	MN	AN	FN	BN	RN
Type	Non-mag Microstrip	Non-mag Axial Ribbon	Non-mag Radial Ribbon	Non-mag Axial Wire	Non-mag Radial Wire

⑥ Rated voltage

Code	Rated Voltage	Code	Rated Voltage
500	50V	102	1000V
101	100V	152	1500V
151	150V	202	2000V
201	200V	252	2500V
301	300V	362	3600V
501	500V		

⑦ Laser Marking

X denote Marking; N denote No-Marking.

Capacitance is less than 10pF; for example: The marking of 1.0pF is 1R0.

Capacitance is not less than 10pF; for example: The marking of 100pF is 101.

⑧ Packaging Type

	10A	10B	10C	10D	10E
T:Tape carrier packaging	√	√	√	√	
B: Bulk packaging in a bag	√	√	√	√	√
C: Gridiron packaging			√	√	√
I: Special packaging	Consult with Kete				

Quantity per Reel: 10A: 500, 1000, 2000, 3000pcs/reel; 10B: 500, 1000, 2000pcs/reel;

◆ Performance Requirements

KEC10 Series Capacitors are designed and manufactured to meet the requirements of MIL-C-55681 and MIL-C-123.

◆ All of Kete KEC 10 Series products are in compliance with RoHS instruction.