

KEC70 Series

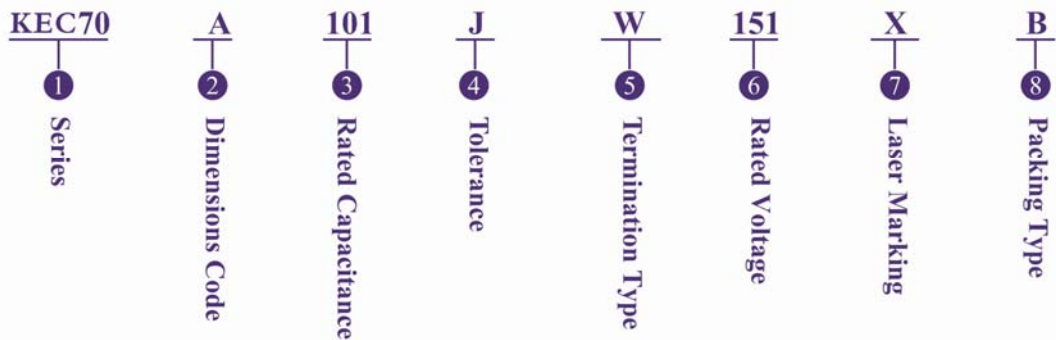
◆Product Features

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



①KEC70 Series – High Q,High Power Type (Temperature coefficient: $0 \pm 30\text{ppm}/^\circ\text{C}$)

②Dimensions Code

unit:inch(millimeter)

	70A	70B	70C	70D	70E
Length	0.055	0.110	0.230	0.08	0.380
	+0.015~-0.010	+0.020~-0.010	+0.020~-0.010	± 0.010	+0.015~-0.010
	(1.4 +0.38~-0.25)	(2.79 +0.51~-0.25)	(5.84 +0.51~-0.25)	(2.0 +0.25~-0.25)	(9.65 +0.38~-0.25)
Width	.055 \pm .010	.110 \pm .010	.250 \pm .015	.05 \pm .010	.380 \pm .010
	(1.4 \pm 0.25)	(2.79 \pm 0.25)	(6.35 \pm 0.38)	(1.2 \pm 0.25)	(9.65 \pm 0.25)
Thickness	.057(1.45)max	.10(2.6)max	.165(4.19)max	.057(1.45)max	0.177(4.5)max

③Rated Capacitance

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

Capacitance is not less than 10F; 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

	70A	70B	70C	70D	70E
T:Tape carrier packaging	√	√	√	√	
B:Bulk packaging in a bag	√	√	√	√	√
C:Gridiron packaging			√	√	√
I:Special packaging	Consult with Kete				

Quantity per Reel: 70A: 500,1000,2000,3000pcs/reel; 70B: 500,1000,2000pcs/reel;

◆ Performance Requirements

KEC70 Series Capacitors are designed and manufactured to meet the requirements of MIL-C-55681 and MIL-C-123.

◆ All of Kete KEC70 Series products are in compliance with RoHS instruction.