

**KEC75 Series**

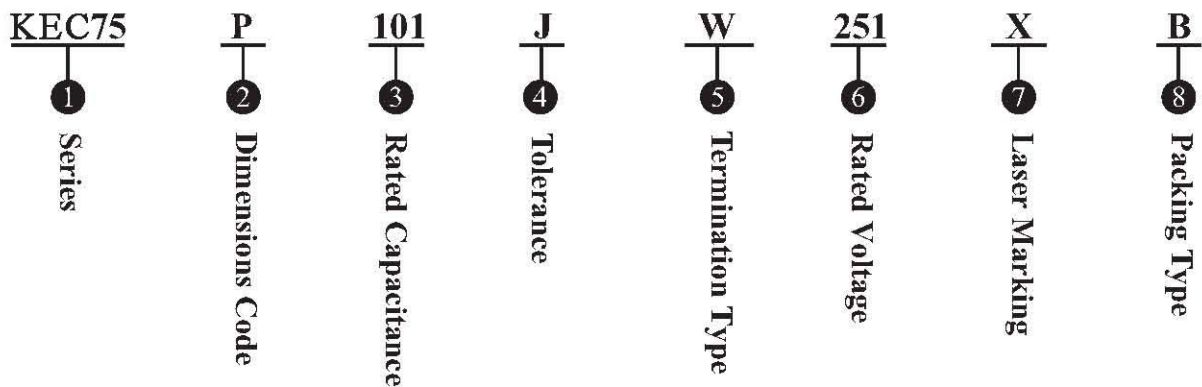
◆ **Product Features**

Lowest ESR, Highest working voltage, High self resonance frequencies (to25GHz).

◆ **Product Application**

Base station Products, L/C Filter.

◆ **Part Numbering Overview**



① **Series:** Kete 75 Series Low ESR Microwave Capacitor, Temperature Coefficient:  $0 \pm 30\text{ppm}/^\circ\text{C}$ .

② **Dimensions Code**

unit:inch(millimeter)

	KEC75N	KEC75H	KEC75P	KEC75A	KEC75D	KEC75B	KEC75R
Length	.024 ± .001 (0.60 ± 0.03)	.040 ± .004 (1.02 ± 0.10)	.060 ± .006 (1.60 ± 0.15)	.055(+.015~- .010) (1.40+0.38~-0.25)	.080 ± .010 (2.00 ± 0.25)	.110(+.020~- .010) (2.79+0.51~-0.25)	.070 ± .006 (1.78 ± 0.15)
Width	.012 ± .001 (0.30 ± 0.03)	.020 ± .004 (0.51 ± 0.10)	.030 ± .006 (0.80 ± 0.15)	.055 ± .010 (1.40 ± 0.25)	.050 ± .010 (1.20 ± 0.25)	.110 ± .010 (2.79 ± 0.25)	.080 ± .006 (2.03 ± 0.15)
Thickness	.012 ± .001 (0.30 ± 0.03)	.020 ± .004 (0.51 ± 0.10)	.030 ± .006 (0.80 ± 0.15)	.057(1.45)max	.057(1.45)max	.100(2.60)max	.120(3.04)max

③ **Rated Capacitance**

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

Capacitance is greater than 10pF; for example: 101=100pF, the third number is the power of 10.

**④ Tolerance**

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

**⑤ Termination Type**

Code	W
Type	Nickel, Plated 100% Sn(RoHS)

**⑥ Rated Voltage**

Code	Rated Voltage(V)
250	25
500	50
251	250
501	500

**⑦ Laser Marking**

Offered on KEC75P, KEC75D and KEC75B case sizes

**⑧ Packaging Type**

	75N	75H	75P	75A	75D	75B	75R
T: Horizontal Taping	✓	✓	✓	✓	✓	✓	✓
B: Bulk packaging in a bag			✓	✓	✓	✓	✓
TV: Vertical Taping			✓	✓	✓	✓	

**◆ Performance Requirements**

Capacitors are designed and manufactured to meet the requirements of MIL-PRF-55681 and MIL-PRF-123.

**◆ All products are in compliance with RoHS instruction.**