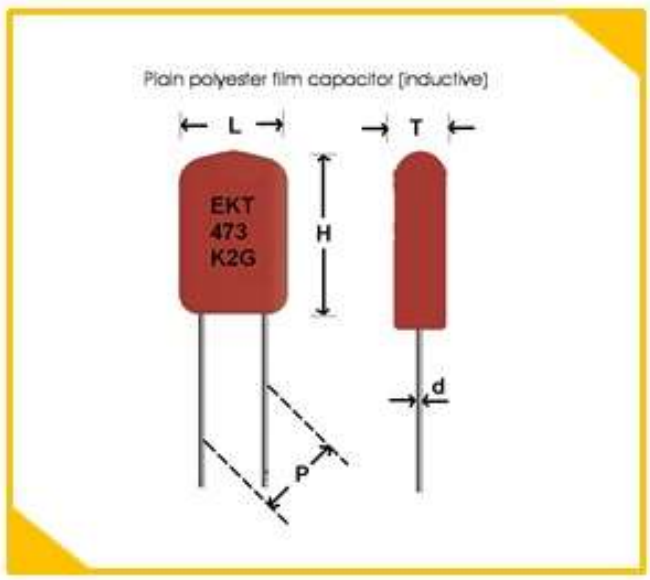
EKT – Plain Polyester Inductive Capacitors

Features

- **Epoxy Coated** – Brown colour
- **Dielectric**–Polyester Film
- **Electrode** - Aluminium Foil
- **Leads** - Radial Tin coated Copper clad Steel Wires
- **Construction**–Inductive design, Resin dipped
- **Markings**–***EKT***, Capacitance, Voltage, Type
- **Capacitor Tolerance** - 10% (K), 5% (J)
- **Dissipation Factor**<= 0.8% at 1KHz at 25C°
- **Test Voltage** – 2 x Vr for 2 sec
- **Max Pulse Rise** - 500V/ µs
- **Temperature Range from** -55° C to +125°C
- **Minimum Insulation Resistance**
  30 GΩ {For C ≤ 0.33uF, V ≤ 100VDC}
  100 GΩ {For C ≤ 0.33uF, V ≥ 250VDC}
  10,000 sec {For C ≥0.33uF}



Application

- Suited for Blocking, bypass
- Filtering, coupling Circuits
- Low pulse Applications
- Electronic Ballasts

Life Testing

- Loaded at 1.5 times of rated DC voltage at +85°C for 1000 hrs
- After the test – Change in Capacitance Δ c/c ≤5% of initial value.
  – Change in Tan δ ≤ 0.001 or 1.2 times the value before test, whichever is higher
  – Insulation Resistance ≥ 50% of initial value

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Dimensions

Bulk or Ammo packing as per request
Custom Values are also available on request

Rated Voltage (DC)	Rated Capacitance		Max Dimensions (mm)					Min PCK (qty)
			T	H	L	d	P	
	uF	Code	Max	Max	Max	± 0.05	± 0.05	
100V 2A	0.001	102	3.0	12.0	6.0	0.5	4.5	1000
	0.0022	222	3.5	11.5	7.0	0.5	4.5	1000
	0.0027	272	3.5	12.0	7.5	0.5	5.0	1000
	0.0047	472	3.5	12.5	7.5	0.5	5.5	1000
	0.010	103	3.0	12.0	7.5	0.5	5.5	1000
	0.022	223	3.5	12.0	7.5	0.5	5.5	1000
	0.047	473	3.5	12.0	8.0	0.5	6.0	1000
	0.082	823	4.5	11.0	9.5	0.5	6.5	500
	0.1	104	5.0	12.0	10.0	0.5	7.0	500
	0.22	224	6.3	13.0	11.5	0.5	7.5	500
250V 2E	0.047	473	4.5	12.0	8.5	0.5	6.0	1000
	0.1	104	6.0	12.0	11.0	0.5	7.5	500
400V 2G	0.01	103	3.0	11.5	7.5	0.5	5.5	1000
	0.015	153	3.0	12.0	8.0	0.5	5.5	1000
	0.022	223	3.5	12.0	8.5	0.5	6.0	1000
	0.033	333	3.5	12.0	9.0	0.5	6.0	1000
	0.047	473	5.5	12.0	10.0	0.5	7.5	500
	0.056	563	5.5	12.0	10.4	0.5	7.5	500
	0.1	104	7.0	12.5	13.5	0.5	10.0	500
630V 2J	0.001	102	3.0	12.0	6.0	0.5	4.5	1000
	0.0022	222	3.5	12.5	6.0	0.5	4.5	1000
	0.0033	332	4.0	12.5	7.0	0.5	5	1000
	0.0047	472	4.5	12.5	7.0	0.5	5	1000
	0.0056	562	4.5	12.5	7.0	0.5	5	1000
	0.0068	682	4.5	12.5	7.0	0.5	5	1000
	0.0082	822	5.0	12.5	7.0	0.5	5.5	1000
	0.01	103	5.5	13.0	10.0	0.5	7	500
	0.012	123	3.5	11.5	8.0	0.5	6	500
	0.015	153	4.5	12.0	9.0	0.5	6.5	500
	0.018	183	4.3	11.9	8.1	0.5	5	500
	0.022	223	6.0	13.0	10.0	0.5	7.5	500
	0.047	473	6.5	12.5	11.0	0.5	7.5	500
1000V 3A	0.001	102	3.0	12.0	6.0	0.5	4.5	1000
	0.0022	222	3.5	12.5	6	0.5	4.5	1000
	0.0033	332	4	12.5	7	0.5	5	1000
	0.0047	472	4.5	12.5	7	0.5	5	1000
	0.0056	562	4.5	12.5	7	0.5	5	1000
	0.0068	682	4.5	12.5	7	0.5	5	1000
	0.0082	822	5	12.5	7	0.5	5..5	1000
1250V 3B	0.0010	102	3	12	6	0.5	4.5	1000
	0.0022	222	3.5	12.5	7	0.5	4.5	1000
	0.0033	332	4	12.5	7	0.5	5	1000
	0.0047	472	4.5	12.5	7	0.5	5	1000
	0.0056	562	4.5	12.5	7	0.5	5	1000
	0.0068	682	4.5	12.5	7	0.5	5	1000
	0.0075	752	4.5	13.5	9	0.5	7.5	1000
	0.0082	822	5	12.5	7	0.5	5.5	1000