

KT22 - Film Foil Polyester Axial Capacitors

(earlier KT12 series)

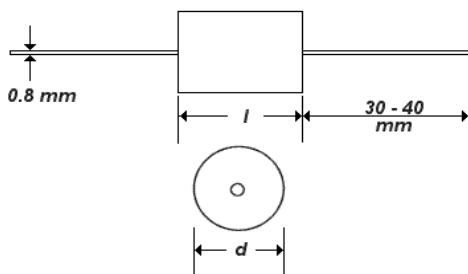


Features

- Oil Impregnated - to withstand higher voltages
- Dielectric - Polyester
- Electrode - Aluminium Foil
- Coil - Non inductively wound, Extended Foil
- Leads - Axial tinned copper wires
- Construction - Moulded plastic tube, resin filled
- Markings - El-Ci-Ar logo, Capacitance, Voltage, Type
- Capacitor Tolerance - 20% (M), 10% (K), 5% (J)
- Dissipation Factor ≤ 0.007 at 1KHz at 25°C (Typical Value 0.004)
- Test Voltage - $2.5 \times V_r$ for 2 sec
- Max Pulse Rise - 500V/usec
- Temperature Range from -25°C to +85°C

Applications

- Filtering & quenching applications in SMPS & RC Circuits
- Direct Welded contacts give better ESR
- Lighting Applications
- Ac motor speed control



| Rated Capacitor nF | 400VDC | | 630VDC | | 1000VDC | |
|-----------------------|--------|----|--------|----|---------|----|
| | D | L | D | L | D | L |
| 10 | | | 10 | 23 | 10 | 23 |
| 15 | | | 10 | 23 | 10 | 23 |
| 22 | | | 10 | 23 | 10 | 23 |
| 33 | | | 10 | 23 | 12 | 23 |
| 47 | | | 12 | 23 | 12 | 23 |
| 68 | | | 12 | 23 | 12 | 23 |
| 100 | | | 15 | 23 | 15 | 23 |
| 150 | | | 17 | 33 | 17 | 33 |
| 220 | | | 17 | 33 | 17 | 33 |
| 330 | | | 19.5 | 42 | 19.5 | 42 |
| 470 | 17 | 33 | 19.5 | 42 | 19.5 | 42 |
| 680 | 17 | 33 | 22 | 55 | 22 | 55 |
| 1.0 uF | 17 | 33 | 22 | 55 | 22 | 55 |
| 1.5 uF | 19.5 | 57 | 25 | 56 | 25 | 56 |
| 2.0 uF | 22.5 | 55 | 32 | 57 | 32 | 57 |
| 2.2 uF | 25 | 56 | 32 | 57 | 32 | 57 |

Tube length (L) less than 54 mm

wire lead Dia = 0.8 mm

Tube length (L) greater than 54 mm

wire lead Dia = 1.0 mm

Custom Values are also available on request