

EPCOS DC Link Film Capacitors



EPCOS MKP 2/4 PINS - SWITCHING DC LINK FILM CAPACITORS

RoHS Compliant This product is RoHS compliant.

Marking:

- Manufacturer's logo
- Rated Capacitance
- Tolerance
- Rated DC voltage
- Type Number



Construction:

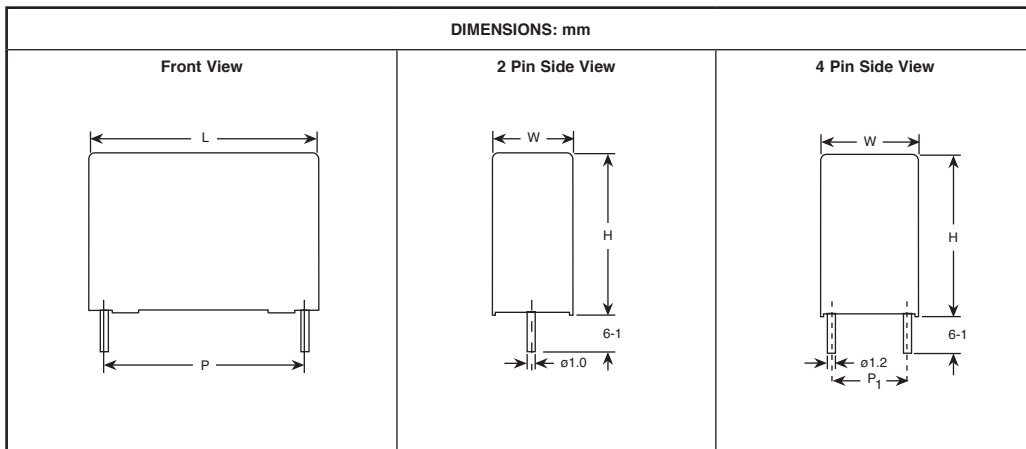
- Dielectric: Polypropylene (MKP) film
- Wound technology
- Plastic case (UL94V-0)
- Epoxy resin sealing

Specifications:

- Maximum operating temperature: 100°C
- DC test voltage between terminations (to IEC61017): 1.5 x V_r, 10 s / 1.65 x V_r, 2 s
- Max. peak Current: C (µF) x dv/dt (V/µs)
- Peak non-repetitive current: 1.5 x I_r

Terminals:

- Parallel wire leads, lead-free tinned



2 Pin Film Capacitors

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Epcos Part No. | Max. Dimensions: (mm) | | | Value (µF) | dv/dt V/uS | Lead Space (P) (mm) | Voltage (DC) | | Voltage (VAC rms) | Price Each | | | |
|------------------|----------------|-----------------------|------|------|------------|------------|---------------------|--------------|------|-------------------|------------|-------|------|------|
| | | W | H | L | | | | 85°C | 70°C | | 1 | 25 | 100 | 500 |
| 871-B32676E6106K | B32676E6106K | 28.0 | 42.5 | 42.0 | 10 | 73 | 37.5 | 630 | 800 | 350 | 10.57 | 8.85 | 7.51 | 5.83 |
| 871-B32676E6126K | B32676E6126K | 28.0 | 42.5 | 42.0 | 12 | 73 | 37.5 | 630 | 800 | 350 | 10.90 | 9.61 | 8.15 | 6.35 |
| 871-B32676E6146K | B32676E6146K | 30.0 | 45.0 | 42.0 | 14 | 73 | 37.5 | 630 | 800 | 350 | 14.22 | 10.57 | 7.61 | 5.92 |
| 871-B32676E1205K | B32676E1205K | 14.0 | 25.0 | 42.0 | 2.0 | 85 | 37.5 | 750 | 900 | 375 | 3.94 | 3.75 | 3.55 | 2.76 |
| 871-B32676E1475K | B32676E1475K | 20.0 | 39.5 | 42.0 | 4.7 | 85 | 37.5 | 750 | 900 | 375 | 7.60 | 7.22 | 6.85 | 6.51 |
| 871-B32676E1565K | B32676E1565K | 20.0 | 39.5 | 42.0 | 5.6 | 85 | 37.5 | 750 | 900 | 375 | 6.44 | 6.13 | 5.69 | 4.43 |
| 871-B32676E1685K | B32676E1685K | 28.0 | 37.0 | 42.0 | 6.8 | 85 | 37.5 | 750 | 900 | 375 | 9.26 | 8.99 | 7.64 | 5.94 |
| 871-B32676E1905K | B32676E1905K | 28.0 | 42.5 | 42.0 | 9.0 | 85 | 37.5 | 750 | 900 | 375 | 8.99 | 8.54 | 8.09 | 6.30 |
| 871-B32676E1106K | B32676E1106K | 30.0 | 45.0 | 42.0 | 10 | 85 | 37.5 | 750 | 900 | 375 | 11.16 | 10.29 | 8.74 | 6.79 |
| 871-B32676E8105K | B32676E8105K | 12.0 | 22.0 | 42.0 | 1.0 | 100 | 37.5 | 875 | 1050 | 400 | 4.29 | 4.08 | 2.33 | 1.80 |
| 871-B32676E8155K | B32676E8155K | 18.0 | 27.5 | 31.5 | 1.5 | 100 | 37.5 | 875 | 1050 | 400 | 4.61 | 4.38 | 3.23 | 2.50 |
| 871-B32676E8225K | B32676E8225K | 16.0 | 28.5 | 42.0 | 2.2 | 100 | 37.5 | 875 | 1050 | 400 | 4.38 | 4.16 | 3.87 | 3.01 |
| 871-B32676E8335K | B32676E8335K | 20.0 | 39.5 | 42.0 | 3.3 | 100 | 37.5 | 875 | 1050 | 400 | 7.46 | 5.64 | 4.78 | 3.72 |
| 871-B32676E8405K | B32676E8405K | 20.0 | 39.5 | 42.0 | 4.0 | 100 | 37.5 | 875 | 1050 | 400 | 6.15 | 5.84 | 5.43 | 4.22 |
| 871-B32676E8475K | B32676E8475K | 28.0 | 37.0 | 42.0 | 4.7 | 100 | 37.5 | 875 | 1050 | 400 | 8.05 | 6.56 | 5.69 | 4.43 |
| 871-B32676E8755K | B32676E8755K | 30.0 | 45.0 | 42.0 | 7.5 | 100 | 37.5 | 875 | 1050 | 400 | 13.40 | 10.15 | 8.62 | 6.69 |

4 Pin Film Capacitors

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Epcos Part No. | Max. Dimensions: (mm) | | | Value (µF) | dv/dt V/uS | Lead Space (mm) | | Voltage (DC) | | Voltage (VAC rms) | Price Each | | | |
|------------------|----------------|-----------------------|------|------|------------|------------|-----------------|----------------|--------------|------|-------------------|------------|-------|-------|-------|
| | | W | H | L | | | P | P ₁ | 85°C | 70°C | | 1 | 25 | 100 | 500 |
| 871-B32676G3156K | B32676G3156K | 20.0 | 39.5 | 42.0 | 15 | 22 | 37.5 | 10.2 | 300 | 450 | 160 | 9.84 | 9.07 | 7.70 | 5.98 |
| 871-B32676G3206K | B32676G3206K | 28.0 | 37.0 | 42.0 | 20 | 22 | 37.5 | 10.2 | 300 | 450 | 160 | 11.18 | 10.61 | 9.71 | 7.54 |
| 871-B32676G3226K | B32676G3226K | 28.0 | 42.5 | 42.0 | 22 | 22 | 37.5 | 20.3 | 300 | 450 | 160 | 14.54 | 13.81 | 10.03 | 7.81 |
| 871-B32676G3256K | B32676G3256K | 28.0 | 42.5 | 42.0 | 25 | 22 | 37.5 | 20.3 | 300 | 450 | 160 | 12.20 | 11.59 | 10.37 | 8.06 |
| 871-B32676G3306K | B32676G3306K | 30.0 | 45.0 | 42.0 | 30 | 15 | 37.5 | 20.3 | 300 | 450 | 160 | 18.52 | 17.59 | 16.71 | 15.87 |
| 871-B32676G3306K | B32676G3306K | 30.0 | 45.0 | 57.5 | 33 | 15 | 52.5 | 20.3 | 300 | 450 | 160 | 15.69 | 11.88 | 10.07 | 7.83 |
| 871-B32676G3356K | B32676G3356K | 30.0 | 45.0 | 57.5 | 35 | 15 | 52.5 | 20.3 | 300 | 450 | 160 | 15.98 | 12.70 | 10.78 | 8.38 |
| 871-B32676G3406K | B32676G3406K | 30.0 | 45.0 | 57.5 | 40 | 15 | 52.5 | 20.3 | 300 | 450 | 160 | 17.86 | 16.96 | 16.11 | 15.31 |
| 871-B32676G3476K | B32676G3476K | 35.0 | 50.0 | 57.5 | 47 | 15 | 52.5 | 20.3 | 300 | 450 | 160 | 19.45 | 13.23 | 12.52 | 9.73 |
| 871-B32676G3606K | B32676G3606K | 35.0 | 50.0 | 57.5 | 60 | 15 | 52.5 | 20.3 | 300 | 450 | 160 | 20.09 | 15.98 | 13.55 | 10.55 |
| 871-B32676G4156K | B32676G4156K | 28.0 | 42.5 | 42.0 | 15 | 54 | 37.5 | 10.2 | 450 | 630 | 275 | 10.67 | 10.14 | 9.39 | 7.29 |
| 871-B32676G4206K | B32676G4206K | 30.0 | 45.0 | 42.0 | 20 | 54 | 37.5 | 20.3 | 450 | 630 | 275 | 17.65 | 13.35 | 11.32 | 8.82 |
| 871-B32676G4206K | B32676G4206K | 30.0 | 45.0 | 57.5 | 20 | 35 | 52.5 | 20.3 | 450 | 630 | 275 | 14.61 | 11.06 | 9.38 | 7.29 |
| 871-B32676G4256K | B32676G4256K | 30.0 | 45.0 | 57.5 | 25 | 35 | 52.5 | 20.3 | 450 | 630 | 275 | 15.44 | 12.29 | 10.43 | 8.10 |
| 871-B32676G4306K | B32676G4306K | 35.0 | 50.0 | 57.5 | 30 | 35 | 52.5 | 20.3 | 450 | 630 | 275 | 17.86 | 16.96 | 16.11 | 15.31 |
| 871-B32676G4356K | B32676G4356K | 35.0 | 50.0 | 57.5 | 35 | 35 | 52.5 | 20.3 | 450 | 630 | 275 | 19.45 | 13.23 | 12.52 | 9.73 |
| 871-B32676G6685K | B32676G6685K | 20.0 | 39.5 | 42.0 | 6.8 | 73 | 37.5 | 10.2 | 630 | 800 | 350 | 8.05 | 6.56 | 5.69 | 4.43 |
| 871-B32676G6755K | B32676G6755K | 20.0 | 39.5 | 42.0 | 7.5 | 73 | 37.5 | 10.2 | 630 | 800 | 350 | 10.90 | 9.15 | 7.77 | 6.03 |
| 871-B32676G6825K | B32676G6825K | 28.0 | 37.0 | 42.0 | 8.2 | 73 | 37.5 | 10.2 | 630 | 800 | 350 | 11.16 | 10.29 | 8.74 | 6.79 |
| 871-B32676G6106K | B32676G6106K | 28.0 | 42.5 | 42.0 | 10 | 73 | 37.5 | 20.3 | 630 | 800 | 350 | 10.67 | 10.14 | 9.39 | 7.29 |
| 871-B32676G6126K | B32676G6126K | 28.0 | 42.5 | 42.0 | 12 | 73 | 37.5 | 20.3 | 630 | 800 | 350 | 14.54 | 13.81 | 10.03 | 7.81 |
| 871-B32676G6146K | B32676G6146K | 30.0 | 45.0 | 42.0 | 14 | 73 | 37.5 | 20.3 | 630 | 800 | 350 | 15.15 | 12.53 | 11.01 | 8.56 |
| 871-B32676G6156K | B32676G6156K | 30.0 | 45.0 | 57.5 | 15 | 50 | 52.5 | 20.3 | 630 | 800 | 350 | 12.85 | 10.24 | 8.69 | 6.76 |
| 871-B32676G6206K | B32676G6206K | 35.0 | 50.0 | 57.5 | 20 | 50 | 52.5 | 20.3 | 630 | 800 | 350 | 15.69 | 11.88 | 10.07 | 7.83 |
| 871-B32676G6256K | B32676G6256K | 35.0 | 50.0 | 57.5 | 25 | 50 | 52.5 | 20.3 | 630 | 800 | 350 | 18.40 | 13.93 | 11.82 | 9.18 |
| 871-B32676G1475K | B32676G1475K | 20.0 | 39.5 | 42.0 | 4.7 | 85 | 37.5 | 10.2 | 750 | 900 | 375 | 11.18 | 10.61 | 10.09 | 9.58 |
| 871-B32676G1565K | B32676G1565K | 20.0 | 39.5 | 42.0 | 5.6 | 85 | 37.5 | 10.2 | 750 | 900 | 375 | 8.05 | 6.56 | 5.69 | 4.43 |
| 871-B32676G1685K | B32676G1685K | 28.0 | 37.0 | 42.0 | 6.8 | 85 | 37.5 | 20.3 | 750 | 900 | 375 | 13.11 | 9.35 | 6.73 | 5.22 |
| 871-B32676G1905K | B32676G1905K | 28.0 | 42.5 | 42.0 | 9.0 | 85 | 37.5 | 20.3 | 750 | 900 | 375 | 10.24 | 9.73 | 7.25 | 5.64 |
| 871-B32676G1106K | B32676G1106K | 30.0 | 45.0 | 42.0 | 10 | 85 | 37.5 | 20.3 | 750 | 900 | 375 | 15.52 | 11.74 | 9.97 | 7.75 |
| 871-B32676G1156K | B32676G1156K | 30.0 | 45.0 | 57.5 | 15 | 60 | 52.5 | 20.3 | 750 | 900 | 375 | 14.41 | 11.47 | 9.73 | 7.57 |
| 871-B32676G1206K | B32676G1206K | 35.0 | 50.0 | 57.5 | 20 | 60 | 52.5 | 20.3 | 750 | 900 | 375 | 17.31 | 13.11 | 11.12 | 8.65 |
| 871-B32676G8335K | B32676G8335K | 20.0 | 39.5 | 42.0 | 3.3 | 100 | 37.5 | 10.2 | 875 | 1050 | 400 | 9.57 | 7.24 | 6.14 | 4.78 |
| 871-B32676G8475K | B32676G8475K | 28.0 | 37.0 | 42.0 | 4.7 | 100 | 37.5 | 20.3 | 875 | 1050 | 400 | 10.90 | 9.15 | 7.77 | 6.03 |
| 871-B32676G8755K | B32676G8755K | 30.0 | 45.0 | 42.0 | 7.5 | 100 | 37.5 | 20.3 | 875 | 1050 | 400 | 14.54 | 13.81 | 10.03 | 7.81 |
| 871-B32676G8106K | B32676G8106K | 30.0 | 45.0 | 57.5 | 10 | 70 | 52.5 | 20.3 | 875 | 1050 | 400 | 12.85 | 9.87 | 8.37 | 6.52 |
| 871-B32676G8156K | B32676G8156K | 35.0 | 50.0 | 57.5 | 15 | 70 | 52.5 | 20.3 | 875 | 1050 | 400 | 15.98 | 12.70 | 10.78 | 8.38 |