



Series MKPX2 X2 Class 310 VAC

Non-inductive construction using Metallized Polypropylene dielectric packaged in a UL94V-0 plastic case and epoxy resin. Applications include: EMI suppression, audio and TV circuits, home appliances (mixers, fans etc.), electric tools and EMI filters.



Specifications



(IEC 60384-14, GB/T14472-98, EN 60384-14, UL60384-14)

Temperature Range

-40°C - +110°C.

Rated Voltage

310 VAC.

Capacitance Range

0.0047µF to 10µF

Capacitance Tolerance

±5%, ±10%, ±20%

Dissipation

$C_R \leq 1.0\mu F$: .3% max at 10KHz.

$C_R > 1.0\mu F$: .1% max at 10KHz.

Dv/Dt

Up to 100V/µs.

Dielectric Withstanding Voltage

1800 VDC 2 sec.

| Cap. | | 310 VAC | | | | |
|--------|-------------------|---------|------------|------------|------------|-------------|
| µF | Part # | P | W (max) | H (max) | T (max) | LD (dia) |
| 0.0047 | MKPX2310472-10-00 | 10.0 | 13.0 | 9.0 | 4.0 | 0.6 |
| 0.0056 | MKPX2310562-10-00 | 10.0 | 13.0 | 9.0 | 4.0 | 0.6 |
| 0.0068 | MKPX2310682-10-00 | 10.0 | 13.0 | 11.0 | 4.0 | 0.6 |
| 0.010 | MKPX2310103-10-00 | 10.0 | 13.0 | 11.0 | 4.0 | 0.6 |
| 0.010 | MKPX2310103-15-00 | 15.0 | 18.0 | 11.0 | 5.0 | 0.8 |
| 0.015 | MKPX2310153-10-00 | 10.0 | 13.0 | 11.0 | 4.0 | 0.6 |
| 0.015 | MKPX2310153-15-00 | 15.0 | 18.0 | 11.0 | 5.0 | 0.8 |
| 0.022 | MKPX2310223-10-00 | 10.0 | 13.0 | 11.0 | 4.0 | 0.6 |
| 0.022 | MKPX2310223-15-00 | 15.0 | 18.0 | 11.0 | 5.0 | 0.8 |
| 0.033 | MKPX2310333-10-00 | 10.0 | 13.0 | 11.0 | 4.0 | 0.8 |
| 0.033 | MKPX2310333-15-00 | 15.0 | 18.0 | 11.0 | 5.0 | 0.8 |
| 0.047 | MKPX2310473-10-00 | 10.0 | 13.0 | 11.0 | 5.0 | 0.8 |
| 0.047 | MKPX2310473-15-00 | 15.0 | 18.0 | 11.0 | 5.0 | 0.8 |
| 0.068 | MKPX2310683-15-00 | 15.0 | 18.0 | 11.0 | 5.0 | 0.8 |
| 0.082 | MKPX2310823-15-00 | 15.0 | 18.0 | 11.0 | 5.0 | 0.8 |
| 0.10 | MKPX2310104-15-00 | 15.0 | 18.0 | 11.0 | 5.0 | 0.8 |
| 0.15 | MKPX2310154-15-00 | 15.0 | 18.0 | 12.0 | 6.0 | 0.8 |
| 0.22 | MKPX2310224-15-00 | 15.0 | 18.0 | 13.0 | 7.0 | 0.8 |
| 0.22 | MKPX2310224-22-00 | 22.5 | 26.5 | 15.0 | 6.0 | 0.8 |
| 0.33 | MKPX2310334-15-00 | 15.0 | 18.0 | 14.5 | 8.5 | 0.8 |
| 0.33 | MKPX2310334-22-00 | 22.5 | 26.5 | 15.0 | 6.0 | 0.8 |
| 0.47 | MKPX2310474-15-00 | 15.0 | 18.0 | 14.5 | 8.5 | 0.8 |
| 0.47 | MKPX2310474-22-00 | 22.5 | 26.5 | 16.5 | 7.0 | 0.8 |
| 0.68 | MKPX2310684-22-00 | 22.5 | 26.5 | 17.0 | 8.5 | 0.8 |
| 0.68 | MKPX2310684-27-00 | 27.5 | 32.0 | 17.5 | 8.5 | 0.8 |
| 1.0 | MKPX2310105-27-00 | 27.5 | 31.0 | 20.0 | 11.0 | 0.8 |
| 1.5 | MKPX2310155-27-00 | 27.5 | 32.0 | 22.0 | 11.0 | 0.8 |
| 2.2 | MKPX2310225-27-00 | 27.5 | 31.0 | 25.0 | 14.0 | 0.8 |
| 3.3 | MKPX2310335-27-00 | 27.5 | 32.0 | 27.5 | 17.5 | 0.8 |
| 4.7 | MKPX2310475-27-00 | 27.5 | 32.0 | 37.0 | 22.0 | 1.0 |
| 10.0 | MKPX2310106-37-00 | 37.0 | 41.0 | 41.0 | 26.0 | 1.0 |