





## Series MKPY2 Y2 Class 300 VAC

Non-inductive construction using Metallized Polypropylene dielectric packaged in a UL94V-0 plastic case and epoxy resin. Applications include: Lighting, 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.

**Dissipation**

.3% max at 10KHz.

**Rated Voltage**

300 VAC (UL) 300 VAC (CQC & ENEC).

**Pulse Voltage**

Up to 5000 VDC.

**Capacitance Range**

0.001µF to 0.1 µF

**Dv/Dt**

Up to 300V/µs.

**Capacitance Tolerance**

±10%, ±20%

**Dielectric Withstanding Voltage**

2000 VAC / 3500 VDC

| Cap.   | 300 VAC           |      |            |            |            |             |
|--------|-------------------|------|------------|------------|------------|-------------|
| µF     | Part #            | P    | W<br>(max) | H<br>(max) | T<br>(max) | LD<br>(dia) |
| 0.0010 | MKPY2300102-10-00 | 10.0 | 13.0       | 9.0        | 4.0        | 0.6         |
| 0.0022 | MKPY2300222-10-00 | 10.0 | 13.0       | 11.0       | 4.0        | 0.6         |
| 0.0033 | MKPY2300332-10-00 | 10.0 | 13.0       | 11.0       | 4.0        | 0.6         |
| 0.0047 | MKPY2300472-10-00 | 10.0 | 13.0       | 11.0       | 4.0        | 0.6         |
| 0.0056 | MKPY2300562-10-00 | 10.0 | 13.0       | 11.0       | 5.0        | 0.6         |
| 0.0068 | MKPY2300682-10-00 | 10.0 | 13.0       | 11.0       | 5.0        | 0.6         |
| 0.01   | MKPY2300103-10-00 | 10.0 | 13.0       | 12.0       | 6.0        | 0.6         |
| 0.01   | MKPY2300103-15-00 | 15.0 | 18.0       | 11.0       | 5.0        | 0.8         |
| 0.015  | MKPY2300153-15-00 | 15.0 | 18.0       | 11.0       | 5.0        | 0.8         |
| 0.022  | MKPY2300223-15-00 | 15.0 | 18.0       | 12.0       | 6.0        | 0.8         |
| 0.033  | MKPY2300333-15-00 | 15.0 | 18.0       | 13.0       | 7.0        | 0.8         |
| 0.047  | MKPY2300473-15-00 | 15.0 | 18.0       | 14.5       | 8.5        | 0.8         |
| 0.068  | MKPY2300683-15-00 | 15.0 | 18.0       | 16.0       | 10.0       | 0.8         |
| 0.068  | MKPY2300683-22-00 | 22.5 | 26.5       | 16.5       | 7.0        | 0.8         |
| 0.10   | MKPY2300104-22-00 | 22.5 | 26.5       | 17.0       | 8.5        | 0.8         |