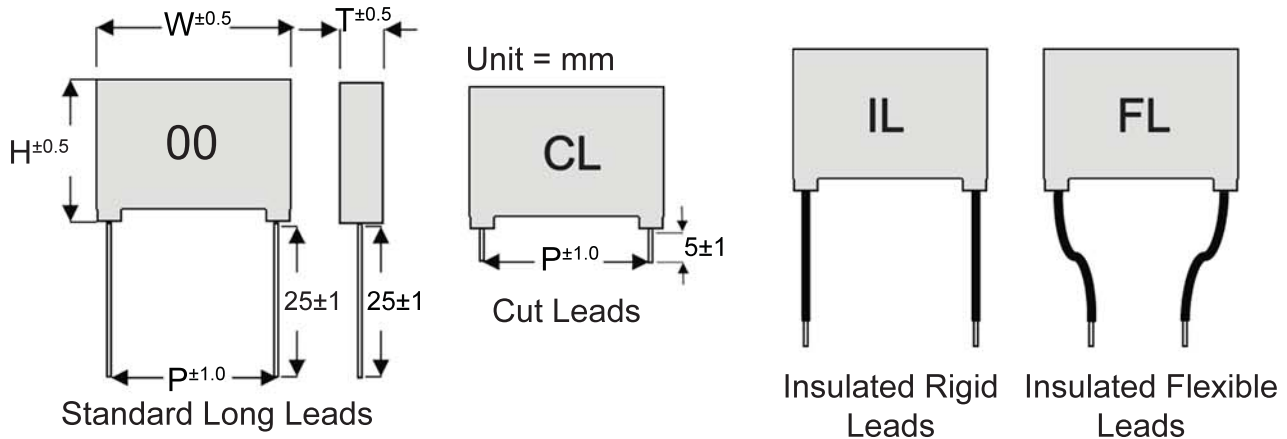


EMI Suppression Capacitors



Part Number Nomenclature

M K P X 1 4 4 0 1 0 5 K 2 7 H 0 0

Type:
Metallized
Polypropylene

Rated Voltage (AC):
275 = 250 / 275
300 = 250 / 300
310 = 275 / 310
440 = 440

Class:
X1
X2
Y2

Capacitance Code (pF):
First two digits are
significant digits.
Third digit is number
of zeros.

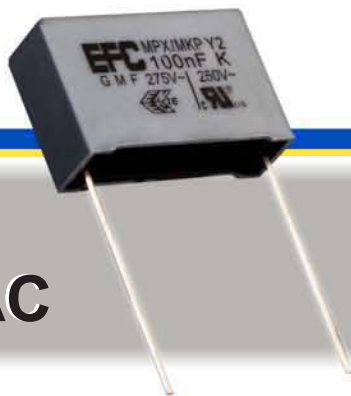
Ex: 105 = 1,000,000pF = 1 μ F

Tolerance Code:
J - $\pm 5\%$
K - $\pm 10\%$
M - $\pm 20\%$

Color:
Y - Yellow
H - Grey
G - Green
B - Blue
K - Black

Pitch (mm):
07 = 7.5
10 = 10.0
15 = 15.0
22 = 22.5
27 = 27.5
37 = 37.5

Lead Code:
00 - Standard Long
CL - Cut
IL - Insulated Rigid
FL - Insulated Flexible



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 (max)	H (max)	T (max)	LD (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