



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Type MPX Polypropylene Film Capacitors

**Metallized
Box Style, Vac Rated**

Interference Suppression and Across-the-Line VAC Applications

The Type MPX metallized, polypropylene class X2 film capacitors are ideal for across-the-line and interference suppression circuit applications. This series features the self-healing capabilities associated with metallized polypropylene, compact design, and flame retardant construction. Tape and reel packaging are available for ratings with a pitch of 10 mm to 32.5 mm.



Complies with the EU Directive 2002/95/EC requirement restricting the use of Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent chromium (Cr(VI)), PolyBrominated Biphenyls (PBB) and PolyBrominated Diphenyl Ethers (PBDE).

Specifications

Voltage Range: 250 Vac, 60 Hz (UL and CSA)
275 Vac, 60 Hz (VDE and ENCE)

Capacitance Range: .0047– 2.2 μ F
(.0047 – 1.0 μ F on UL/CSA Spec.)

Capacitance Tolerance: \pm 10% (K) standard
 \pm 5% (J)

Operating Temperature Range: –40 °C to +100 °C
(85 °C on UL/CSA Spec.)

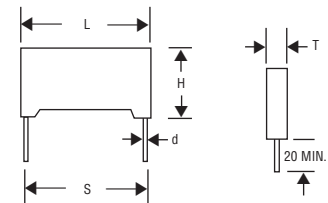
Dielectric Strength: 2100 Vdc (1 minute)

Dissipation Factor: .10% Max. (25°C, 1kHz)

Insulation Resistance: 10,000 mOhms x μ F min.,
not to exceed 30,000 mOhms min.

Agency Approvals:

UL E171988
CSA LR701482
VDE 40017879
ENCE 40017879



Ratings

Cap. (μ F)	Catalog Part Number	T \pm .020 (0.5) Inches (mm)	H \pm .020 (0.5) Inches (mm)	L \pm .020 (0.5) Inches (mm)	S \pm .040 (1.0) Inches (mm)	d Inches (mm)	dV/dt V/ μ s
275 Vac							
0.0047	MPXQD47K	.197 (5.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)	100
0.0068	MPXQD68K	.197 (5.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)	100
0.010	MPXQS1K	.197 (5.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)	100
0.015	MPXQS15K	.197 (5.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)	100
0.022	MPXQS22K	.197 (5.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)	100
0.033	MPXQS33K	.236 (6.0)	.472 (12.0)	.512 (13.0)	.394 (10.0)	.024 (.6)	100
0.047	MPXQS47K	.197 (5.0)	.433 (11.0)	.709 (18.0)	.591 (15.0)	.032 (.8)	45
0.068	MPXQS68K	.236 (6.0)	.472 (12.0)	.709 (18.0)	.591 (15.0)	.032 (.8)	45
0.100	MPXQP1K	.236 (6.0)	.531 (13.5)	.709 (18.0)	.591 (15.0)	.032 (.8)	45
0.150	MPXQP15K	.335 (8.5)	.571 (14.5)	.709 (18.0)	.591 (15.0)	.032 (.8)	45
0.220	MPXQP22K	.276 (7.0)	.650 (16.5)	1.043 (26.5)	.886 (22.5)	.032 (.8)	25
0.330	MPXQP33K	.335 (8.5)	.669 (17.0)	1.043 (26.5)	.886 (22.5)	.032 (.8)	25
0.47	MPXQP47K	.394 (10.0)	.748 (19.0)	1.043 (26.5)	.886 (22.5)	.032 (.8)	25
0.560	MPXQP56K	.433 (11.0)	.787 (20.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)	20
0.680	MPXQP68K	.433 (11.0)	.787 (20.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)	20
1.000	MPXQW1K	.551 (14.0)	.984 (25.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)	20
1.200	MPXQW1P2K	.590 (15.0)	1.181 (30.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)	20
1.500	MPXQW1P5K	.590 (15.0)	1.181 (30.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)	20
1.800	MPXQW1P8K	.748 (19.0)	1.42 (29.0)	1.457 (37.0)	1.280 (32.5)	.032 (.8)	16
2.200	MPXQW2P2K	.748 (19.0)	1.42 (29.0)	1.457 (37.0)	1.280 (32.5)	.032 (.8)	16