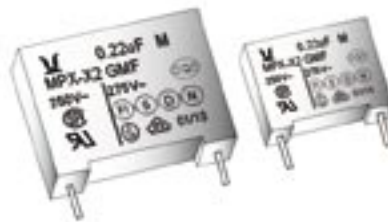


Metallized Polypropylene Film AC Capacitor (Interference Suppressors Class-X2)

MPX

金屬化聚丙烯膜盒裝電容器(交流抗干擾X2安規)

MPX are non-inductively wound with metallized polypropylene film as dielectric and electrode, with copper-clad steel leads, encapsulated in solvent-resistant and self-extinguishing UL94V0 thermoplastic case, with epoxy resin sealed. They provide Interference Suppression with safety approvals. They are suitable for Across-the-line Capacitors, EMI Filters, Spark-killer Circuits, etc.



FEATURES

Self-healing properties.

High moisture resistance.

Over voltage stress withstanding.

Flame-retardant plastic case and epoxy resin.

SPECIFICATIONS

Operating Temperature: -40°C -- +100°C.

Capacitance Range: 0.010uF -- 1.0uF.

Capacitance Tolerance: ±10%(K), ±20%(M).

Rated Voltage: 250VAC, 275VAC (50Hz/60Hz).

Dissipation Factor: 0.1% max. at 1KHz, 25°C.

Insulation Resistance: >15,000 MΩ (C≤0.33uF).

>5,000 MΩ • uF/C (C>0.33uF).

Dielectric Strength: 1182 VDC for 60sec. or 2000 VDC for 1sec.

CASE TYPE

CAP (uF)	CASE TYPE		
	Size -1	Size -2	Size -3
0.010	C2		
0.012	C2		
0.015	C2		
0.018	C2		
0.022	C2		
0.027	C3		
0.033	D1	C2	
0.039	D1	C2	
0.047	D1	C3	
0.056	D2	C3	
0.068	D2	C4	
0.082	D2	C4	
0.10	D2-1	C5	
0.12	D3		
0.15	E2	D4	
0.18	E2		
0.22	E2	D4	
0.27	E3		
0.33	E3	D5	
0.39	E4		
0.47	F1	E4	E3
0.56	F1		
0.68	F1		
0.82	F2		
1.0	F2		

CASE DIMENSIONS

Unit: mm

CASE TYPE	W ±0.5	H ±0.5	T ±0.5	P ±0.5	d(φ) ±0.05
C2	13.0	11.0	5.0	10.0	0.6
C3	13.0	12.0	6.0	10.0	0.6
C4	13.0	13.0	7.0	10.0	0.6
C5	13.0	16.0	8.0	10.0	0.6
D1	18.0	11.0	5.0	15.0	0.8
D2	18.0	12.0	6.0	15.0	0.8
D2-1	18.0	13.5	6.0	15.0	0.8
D3	18.0	13.5	7.5	15.0	0.8
D4	18.0	14.5	8.5	15.0	0.8
D5	18.0	16.0	10.0	15.0	0.8
E2	26.5	16.5	7.0	22.5	0.8
E3	26.5	17.0	8.5	22.5	0.8
E4	26.5	19.0	10.0	22.5	0.8
F1	32.0	20.0	11.0	27.5	0.8
F2	32.0	22.0	13.0	27.5	0.8

APPROVALS

NAME	BRAND	FILE NO.
UL		E 211347
CSA		LR115354-1
VDE		123270.0
DEMKO		99-02638
FIMKO		FI 13505
NEMKO		P99101721
SEMKO		9928250/01
SEV		99.770452.01
CQC		CQC030031003068

MARKING

EUROPTRONIC's Logo
Type: MPX
Capacitor Class: X2
Climatic Category: GMF (40/100/21)
Capacitance
Capacitance Tolerance in EIA code
Rated Voltage
Approval Brands
Date Code: in yy/mm

* UL & CSA approved for 250 Vac only. Approvals according to EN 132 400: 1994, A2: 1998, IEC 384-14: 1993, A1: 1995 for up to 1.0 uF.

* For enquiry on items not within the above range or with special dimensions, please contact us for availability.

* Specifications are subject to change, please refer to approval sheets for final or mutually agreed specifications.