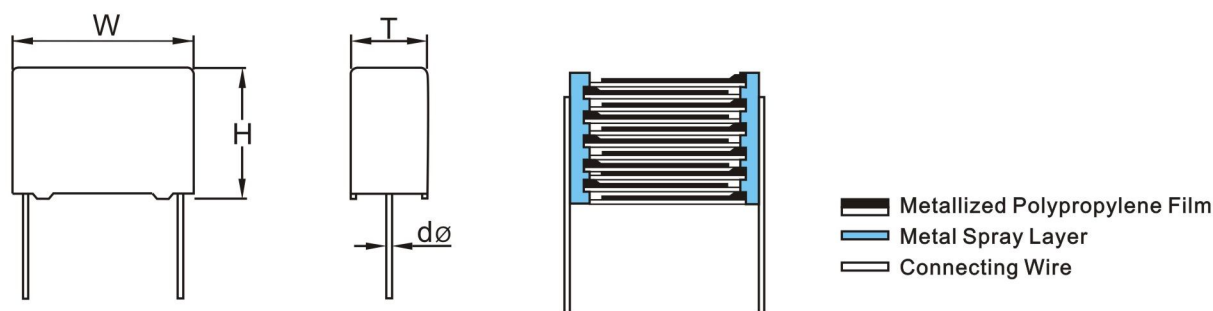


Interference Suppression Capacitor

MKP-X2



Construction:

Dielectric : Polypropylene Film.
 Electrodes : Zinc Metallization.
 Winding : non-inductive type.
 Leads : Tinned copper clad-steel wire.
 Outer coating : Flame retarding plastic case and epoxy filled.

Feature:

Self-healing properties.
 In accordance with UL , CSA , ENEC , CQC safety regulations
 Class X2

Recommended Application:





Interference suppressors.
 Antenna coupling.
 Across the line.
 Line-by-pass.
 EMI filter

Electrical Characteristics:

Related Documents	UL 60384-14:2010 , CAN/CSA-E60384-14:09 , IEC-60384-14:2005 , EN-60384-14:2005 , GB/T 14472-1998					
Rated Voltage(VAC)	275VAC (50/60Hz)					
Rated Voltage(VDC)	630VDC					
Rated Temperature	-40°C ~ +110°C					
Capacitance Range	0.0047 μF ~ 2.2 μF.					
Dissipation Factor	0.1% or less. at 1Khz , 20± 5°C					
Insulation Resistance	Terminal to Terminal: ≥15000MΩ at DC 100V (C ≤ 0.33 μF) ≥ 5000MΩ × μF at DC 100V (C > 0.33 μF)			Terminal to Enclosure: ≥30000MΩ at DC 100V ≥500MΩ at DC 500V		
Withstand Voltage	[Between terminal] : Nothing abnormal shall be found, when a voltage specified below is applied : 1800VDC for 3 sec. [Between terminal and enclosure] : Nothing abnormal shall be found when apply a voltage of 2050Vac for 1 minute.					
Rated Voltage Pulse Slope dv/dt (V/μs)	Pitch V_R	7.5mm	10mm	15mm	22.5mm	27.5mm
	630VDC	500	400	300	180	120
Climate Category	code letter G and number 40 = Minimum limit temperature.... -40°C. code letter M and number 110 = Maximum limit temperature.... +110°C. code letter F and number 56 = Maximum limit of Relative Humidity The days of damp heat test..... 56 days. code letter B = Category of Passive flammability.					

Interference Suppression Capacitor

SAFETY APPROVALS :

LOGO MARK	COUNTRY	APPROVAL STANDARD	APPROVAL NO.	CLASS	CAP. RANGE	RATED VOLTAGE
UL 	U.S.A	UL 60384-14:2010	E149075	X2	0.0047 μ F ~ 10.0 μ F	310VAC
CSA 	CANADA	CAN/CSA. E60384-14:09	2294211	X2	0.0047 μ F ~ 10.0 μ F	310VAC
CB	EUROPE	IEC-60384-14: 2005	SE-72662	X2	0.0047 μ F ~ 10.0 μ F	275VAC
ENEC 	EUROPE	EN-60384-14: 2005	SE/0252-4B	X2	0.0047 μ F ~ 10.0 μ F	275VAC
CQC 	CHINA	GB/T 14472-1998	CQC09001029854	X2	0.0047 μ F ~ 10.0 μ F	275VAC

Cap. (μ F)

Size unit: mm

R.V.	275VAC						R.V.	275VAC					
Size Cap (μ F)	W ± 0.3	H ± 0.3	T ± 0.3	P	d ϕ ± 0.05	Part Number	Size Cap (μ F)	W ± 0.3	H ± 0.3	T ± 0.3	P	d ϕ ± 0.05	Part Number
0.0047	10.0	8.0	4.0	7.5	0.6	MKP-472*0275AB*07*	0.0068	13.0	10.0	5.0	10.0	0.6	MKP-682*0275AB*10*
0.0056	10.0	8.0	4.0	7.5	0.6	MKP-562*0275AB*07*	0.0082	13.0	10.0	5.0	10.0	0.6	MKP-822*0275AB*10*
0.0068	10.0	8.0	4.0	7.5	0.6	MKP-682*0275AB*07*	0.01	13.0	10.0	5.0	10.0	0.6	MKP-103*0275AB*10*
0.0082	10.0	8.0	4.0	7.5	0.6	MKP-822*0275AB*07*	0.012	13.0	10.0	5.0	10.0	0.6	MKP-123*0275AB*10*
0.01	10.0	8.0	4.0	7.5	0.6	MKP-103*0275AB*07*	0.015	13.0	11.0	5.0	10.0	0.6	MKP-153*0275AB*10*
0.012	10.0	8.0	4.0	7.5	0.6	MKP-123*0275AB*07*	0.018	13.0	11.0	5.0	10.0	0.6	MKP-183*0275AB*10*
0.015	10.0	9.0	4.0	7.5	0.6	MKP-153*0275AB*07*	0.022	13.0	11.0	5.0	10.0	0.6	MKP-223*0275AB*10*
0.018	10.0	9.0	4.0	7.5	0.6	MKP-183*0275AB*07*	0.027	13.0	11.0	5.0	10.0	0.6	MKP-273*0275AB*10*
0.022	10.0	9.0	4.0	7.5	0.6	MKP-223*0275AB*07*	0.033	13.0	11.0	5.0	10.0	0.6	MKP-333*0275AB*10*
0.027	10.0	10.0	5.0	7.5	0.6	MKP-273*0275AB*07*	0.039	13.0	9.0	4.0	10.0	0.6	MKP-393*0275AB*10*
0.033	10.0	10.0	5.0	7.5	0.6	MKP-333*0275AB*07*	0.047	13.0	10.0	5.0	10.0	0.6	MKP-473*0275AB*10*
0.039	10.0	11.0	5.0	7.5	0.6	MKP-393*0275AB*07*	0.056	13.0	10.0	5.0	10.0	0.6	MKP-563*0275AB*10*
0.047	10.0	12.0	6.0	7.5	0.6	MKP-473*0275AB*07*	0.068	13.0	11.0	5.0	10.0	0.6	MKP-683*0275AB*10*
0.056	10.0	12.0	6.0	7.5	0.6	MKP-563*0275AB*07*	0.082	13.0	12.0	6.0	10.0	0.6	MKP-823*0275AB*10*
0.0047	13.0	10.0	5.0	10.0	0.6	MKP-472*0275AB*10*	0.1	13.0	12.0	6.0	10.0	0.6	MKP-104*0275AB*10*
0.0056	13.0	10.0	5.0	10.0	0.6	MKP-562*0275AB*10*	0.12	13.0	13.0	7.0	10.0	0.6	MKP-124*0275AB*10*

Interference Suppression Capacitor

Cap. (μF)

Size unit: mm

R.V.	275VAC						R.V.	275VAC					
Size Cap (μF)	W ± 0.3	H ± 0.3	T ± 0.3	P	d ϕ ± 0.05	Part Number	Size Cap (μF)	W ± 0.3	H ± 0.3	T ± 0.3	P	d ϕ ± 0.05	Part Number
0.15	13.0	14.0	8.0	10.0	0.6	MKP-154*0275AB*10*	0.47	26.0	16.5	7.5	22.5	0.8	MKP-474*0275AB*22*
0.01	18.0	11.0	5.0	15.0	0.8	MKP-103*0275AB*15*	0.56	26.0	16.5	7.5	22.5	0.8	MKP-564*0275AB*22*
0.015	18.0	11.0	5.0	15.0	0.8	MKP-153*0275AB*15*	0.68	26.0	17.0	8.0	22.5	0.8	MKP-684*0275AB*22*
0.022	18.0	11.0	5.0	15.0	0.8	MKP-223*0275AB*15*	0.82	26.0	18.0	9.0	22.5	0.8	MKP-824*0275AB*22*
0.033	18.0	11.0	5.0	15.0	0.8	MKP-333*0275AB*15*	1.0	26.0	19.0	10.0	22.5	0.8	MKP-105*0275AB*22*
0.039	18.0	11.0	5.0	15.0	0.8	MKP-393*0275AB*15*	1.2	26.0	20.0	11.5	22.5	0.8	MKP-125*0275AB*22*
0.047	18.0	11.0	5.0	15.0	0.8	MKP-473*0275AB*15*	1.5	26.0	22.0	12.0	22.5	0.8	MKP-155*0275AB*22*
0.056	18.0	11.0	5.0	15.0	0.8	MKP-563*0275AB*15*	1.8	26.0	24.0	14.0	22.5	0.8	MKP-185*0275AB*22*
0.068	18.0	11.0	5.0	15.0	0.8	MKP-683*0275AB*15*	2.2	26.0	25.0	15.0	22.5	0.8	MKP-225*0275AB*22*
0.082	18.0	11.0	5.0	15.0	0.8	MKP-823*0275AB*15*	0.47	31.0	18.0	9.0	27.5	0.8	MKP-474*0275AB*27*
0.1	18.0	11.0	5.0	15.0	0.8	MKP-104*0275AB*15*	0.56	31.0	20.0	10.0	27.5	0.8	MKP-564*0275AB*27*
0.12	18.0	12.0	6.0	15.0	0.8	MKP-124*0275AB*15*	0.68	31.0	20.0	10.0	27.5	0.8	MKP-684*0275AB*27*
0.15	18.0	12.0	6.0	15.0	0.8	MKP-154*0275AB*15*	0.82	31.0	20.0	11.0	27.5	0.8	MKP-824*0275AB*27*
0.18	18.0	12.0	6.0	15.0	0.8	MKP-184*0275AB*15*	1.0	31.0	20.0	11.0	27.5	0.8	MKP-105*0275AB*27*
0.22	18.0	13.0	7.0	15.0	0.8	MKP-224*0275AB*15*	1.5	31.0	23.5	14.0	27.5	0.8	MKP-155*0275AB*27*
0.27	18.0	14.5	7.5	15.0	0.8	MKP-274*0275AB*15*	2.2	31.0	26.0	18.0	27.5	0.8	MKP-225*0275AB*27*
0.33	18.0	15.5	8.0	15.0	0.8	MKP-334*0275AB*15*							
0.33	18.0	13.5	10.0	15.0	0.8	MKP-334*0275AB*15*							
0.39	18.0	17.0	8.0	15.0	0.8	MKP-394*0275AB*15*							
0.47	18.0	18.0	9.0	15.0	0.8	MKP-474*0275AB*15*							
0.56	18.0	19.0	10.0	15.0	0.8	MKP-564*0275AB*15*							
0.15	26.0	14.5	6.0	22.5	0.8	MKP-154*0275AB*22*							
0.18	26.0	14.5	6.0	22.5	0.8	MKP-184*0275AB*22*							
0.22	26.0	14.5	6.0	22.5	0.8	MKP-224*0275AB*22*							
0.33	26.0	16.5	7.5	22.5	0.8	MKP-334*0275AB*22*							
0.39	26.0	16.5	7.5	22.5	0.8	MKP-394*0275AB*22*							