



CAPACITOR SERIES TABLE, CONTENTS

Series		Features	Endurance (+R=With ripple)	Standard Type	Low impedance	Solvent resistant	Terminal type	Rated voltage range (Vdc)	Capacitance range (μF)	
Conductive Polymer Electrolyte Type	Surface Mount Type	PXG <small>(NEW)</small>	Super low ESR, high ripple current, downsized	105°C 1,000 to 2,000 hours		●	SMD	16 to 25	10 to 180	
		PXK	Super low ESR, high ripple current, downsized	105°C 1,000 to 2,000 hours		●	SMD	2.5 to 16	100 to 560	
		PXS	Long life, super low ESR, high ripple current	105°C 5,000 hours		●	SMD	4 to 16	22 to 560	
		PXF <small>(Upgrade!)</small>	Super low ESR, high ripple current	105°C 1,000 to 2,000 hours		●	SMD	2 to 10	120 to 1,000	
		PXE	Super low ESR, high ripple current	105°C 2,000 hours		●	SMD	2.5 to 16	33 to 2,700	
		PXA	Super low ESR, high ripple current	105°C 1,000 to 2,000 hours	●	●	SMD	2.5 to 25	3.3 to 1,500	
		PXD <small>(NEW)</small>	125°C, super low ESR, high ripple current	125°C 2,000 hours		●	SMD	2.5 to 10	47 to 470	
	PXH	125°C, super low ESR, high ripple current	125°C 1,000 hours		●	SMD	2.5 to 20	22 to 1,000		
	Radial Lead Type	PSG <small>(Upgrade!)</small>	Long life, super low ESR, high ripple current	105°C 2,000 to 5,000 hours		●	●	Radial	16 to 25	56 to 1,000
		PSK <small>(Upgrade!)</small>	Long life, super low ESR, high ripple current	105°C 5,000 hours		●	●	Radial	2.5 to 6.3	220 to 560
		PSF <small>(Upgrade!)</small>	Long life, super low ESR, high ripple current	105°C 5,000 hours		●	●	Radial	2 to 16	100 to 1,600
		PSE	Long life, super low ESR, high ripple current	105°C 5,000 hours		●	●	Radial	2.5 to 6.3	470 to 820
		PSC	Super low ESR, high ripple current	105°C 2,000 hours		●	●	Radial	2.5 to 16	270 to 2,700
		PSA	Super low ESR, high ripple current	105°C 2,000 hours	●	●	●	Radial	2.5 to 16	47 to 1,500
PS		Super low ESR, high ripple current	105°C 2,000 hours	●	●	●	Radial	2.5 to 35	18 to 1,500	
Surface Mount Type	General Purpose	MVA	85°C, standard	85°C 2,000 hours	●	▲	SMD	4 to 450	1.0 to 10,000	
		MVE	105°C, standard	105°C 1,000 to 2,000 hours	●	▲	SMD	6.3 to 450	1.0 to 6,800	
	Low Impedance	MZJ	Super low ESR	105°C 2,000 hours		●	●	SMD	6.3 to 35	10 to 1,800
		MZA	Super low impedance	105°C 2,000 hours		●	●	SMD	6.3 to 80	3.3 to 1,500
		MVY	Low impedance, standard, Case size φ 4 to 18mm	105°C 1,000 to 5,000 hours	●	●	▲	SMD	6.3 to 100	1.0 to 8,200
		MZF	10,000 hours, Long life, low impedance	105°C 10,000 hours		●	●	SMD	6.3 to 50	10 to 470
		MZE	7,000/8,000 hours, Long life, low impedance	105°C 7,000 to 8,000 hours		●	●	SMD	6.3 to 50	10 to 470
		MZK	5,000 hours, Long life, low impedance	105°C 5,000 hours		●	●	SMD	6.3 to 35	10 to 150
		MLA	3,000 hours, Long life, low impedance	105°C 3,000 hours		●	●	SMD	6.3 to 50	10 to 1,000
	Long Life	MLF	10,000 hours, Long life	105°C 10,000 hours			●	SMD	6.3 to 50	1.0 to 1,000
		MLE	7,000/8,000 hours, Long life	105°C 7,000 to 8,000 hours			●	SMD	6.3 to 50	1.0 to 1,000
		MLK	5,000 hours, Long life	105°C 5,000 hours			●	SMD	6.3 to 35	4.7 to 100
		MVL	3,000/5,000 hours, Long life	105°C 3,000 to 5,000 hours			●	SMD	6.3 to 50	1.0 to 1,000
		MVJ	2,000 hours, Long life	105°C 2,000 hours			●	SMD	6.3 to 50	1.0 to 100
	Special Application	MVH	125°C, Case size φ 6.3 to 18mm	125°C 1,000 to 5,000 hours	●		▲	SMD	10 to 450	3.3 to 4,700
		MHB	125°C, Specified ESR after endurance	125°C 2,000 hours			●	SMD	10 to 35	47 to 470
		MHJ	125°C, Specified ESR after endurance	125°C 2,000 hours			●	SMD	10 to 35	47 to 470
MKB		Specified ESR at low temperature	105°C 3,000 hours				SMD	400	2.2 to 4.7	
MV-BP		Bi-polar	85°C 2,000 hours			●	SMD	6.3 to 50	1.0 to 47	
MVK-BP		Bi-polar	105°C 1,000 hours			●	SMD	6.3 to 50	1.0 to 47	
Radial Lead Type	Low Profile	SRM	5mm height, downsized	85°C 1,000 hours			●	Radial	4 to 50	1.0 to 330
		SRE	85°C, 5mm height, standard	85°C 1,000 hours	●			Radial	4 to 50	1.0 to 100
		KRE	105°C, 5mm height, standard	105°C 1,000 hours	●		●	Radial	6.3 to 50	1.0 to 100
		SRA	85°C, 7mm height, standard	85°C 1,000 hours	●			Radial	4 to 63	1.0 to 470
		KMA	105°C, 7mm height, standard	105°C 1,000 hours	●		●	Radial	4 to 63	1.0 to 220
		SRG	φ4×7 to φ18×25mm, low profile	85°C 1,000 to 2,000 hours			●	Radial	4 to 50	1.0 to 10,000
		KRG	φ4×7 to φ18×25mm, low profile	105°C 1,000 hours			●	Radial	6.3 to 50	1.0 to 10,000
	General Purpose	SMQ	85°C, Downsized	85°C 2,000 hours				Radial	6.3 to 450	1.0 to 47,000
		KMQ	105°C, Downsized	105°C 1,000 to 2,000 hours +R			▲	Radial	6.3 to 450	1.0 to 47,000
		SMG	85°C, standard	85°C 2,000 hours	●		▲	Radial	6.3 to 450	1.0 to 39,000
		KMG	105°C, standard	105°C 1,000 to 2,000 hours +R	●		▲	Radial	6.3 to 450	1.0 to 22,000
		SME-BP	Bi-polar, downsized	85°C 2,000 hours			●	Radial	6.3 to 100	1.0 to 6,800
		KME-BP	Bi-polar, downsized	105°C 1,000 hours			●	Radial	6.3 to 100	1.0 to 6,800
	High Frequency Use	KZM	Long life, super low impedance	105°C 6,000 to 10,000 hours +R	●			Radial	6.3 to 50	27 to 10,000
		KZH	Super low impedance, downsized	105°C 5,000 to 6,000 hours +R	●			Radial	6.3 to 35	47 to 8,200
		KZE	Low impedance, downsized	105°C 1,000 to 5,000 hours +R			●	Radial	6.3 to 100	6.8 to 6,800
		KYA <small>(Upgrade!)</small>	Low impedance, downsized	105°C 4,000 to 10,000 hours +R			●	Radial	6.3 to 100	1.0 to 15,000
		KY	Low impedance, standard	105°C 4,000 to 10,000 hours +R	●	●		Radial	6.3 to 100	1.0 to 18,000
		LZA <small>(NEW)</small>	Low impedance, downsized	105°C 4,000 to 5,000 hours +R			●	Radial	6.3 to 35	330 to 6,800
		LXZ	Low impedance, downsized	105°C 2,000 to 8,000 hours +R	●	●	●	Radial	6.3 to 63	12 to 18,000
		LXY	Low impedance	105°C 2,000 to 8,000 hours +R			●	Radial	10 to 63	10 to 8,200
LXV	Low impedance	105°C 2,000 to 5,000 hours +R			●	Radial	6.3 to 100	5.6 to 15,000		

● : Recommendation products

▲ : Some of range are solvent resistant.

Product specifications in this catalog are subject to change without notice. Request our product specifications before purchase and/or use. Please use our products based on the information contained in this catalog and product specifications.

Series		Features	Endurance (+R=With ripple)	Standard Type	Low impedance	Solvent resistant	Terminal type	Rated voltage range (Vdc)	Capacitance range (μF)
Radial Lead Type	High Reliability	KXJ	Long life, downsized, for input filtering	105°C 10,000 to 12,000 hours +R			Radial	160 to 450	6.8 to 680
		KXG	Long life, downsized, for input filtering	105°C 8,000 to 10,000 hours +R	●		Radial	160 to 450	6.8 to 330
		SMH	For input filtering, φ 20×20 to φ 22×50mm (Ask Engineering Bulletin No808 in detail)	85°C 2,000 hours +R			Radial	160 to 450	33 to 470
		KMH	For input filtering, φ 20×20 to φ 22×50mm (Ask Engineering Bulletin No810 in detail)	105°C 2,000 hours +R			Radial	160 to 450	33 to 470
		KHE (NEW!)	Low profile, for input filtering	105°C 2,000 hours +R			Radial	400 to 450	27 to 120
		PAG	Low profile, for input filtering	105°C 2,000 hours +R			Radial	200 to 450	18 to 560
		KLJ	No sparks with DC overvoltage, downsized	105°C 2,000 hours +R			Radial	200 & 400	4.7 to 330
		KLG	No sparks with DC overvoltage	105°C 2,000 hours +R			Radial	200 & 400	22 to 330
		LE (NEW!)	Long life, downsized	105°C 10,000 hours +R		●	Radial	10 to 100	1.0 to 330
		FL	Long life, downsized	105°C 3,000 hours +R		●	Radial	6.3 to 50	1.0 to 270
		GPA (Upgrade!)	125°C, low impedance, downsized	125°C 3,000 to 5,000 hours +R	●	●	Radial	25 to 100	200 to 6,800
		GXE	125°C, low impedance, downsized	125°C 2,000 to 5,000 hours +R	●	▲	Radial	10 to 450	4.7 to 4,700
		GXL	125°C	125°C 5,000 hours +R		●	Radial	10 to 50	100 to 1,000
	GXH	135°C	135°C 1,500 / 2,000 hours +R		●	Radial	10 to 50	100 to 4,700	
	Special Application	LBG	For airbag	105°C 5,000 hours +R	●	●	Radial	25 & 35	1,000 to 11,000
		KZA	For PC motherboard (Ask Engineering Bulletin No809 in detail)	105°C 2,000 hours +R	●		Radial	6.3 to 16	470 to 3,300
LLA		Low DC leakage, general (Ask Engineering Bulletin No575 in detail)	85°C 1,000 hours		●	Radial	6.3 to 50	1.0 to 15,000	
PH		For photo flash	55°C 5,000 times charging			Radial	300 & 330	-	
Snap-in Type	General Purpose	SMQ	85°C, standard	85°C 2,000 hours +R	●		Pin	160 to 450	82 to 3,900
		KMW (NEW!)	105°C, super downsized	105°C 2,000 hours +R			Pin	400 to 450	120 to 1,000
		KMR	105°C, downsized	105°C 2,000 hours +R			Pin	160 to 450	100 to 3,300
		KMQ	105°C, standard	105°C 2,000 hours +R	●		Pin	35, 50, 160 to 450	68 to 33,000
		SMM	85°C, 3,000 hours	85°C 3,000 hours +R	●		Pin	160 to 450	47 to 3,300
		KMT (NEW!)	105°C, high ripple	105°C 3,000 hours +R			Pin	420 & 450	82 to 680
		KMS	105°C, downsized	105°C 3,000 hours +R	●		Pin	160 to 500	47 to 3,300
		KMM	105°C, 2,000/3,000 hours	105°C 2,000 to 3,000 hours +R	●		Pin	160 to 450	39 to 3,300
		SMH	85°C, standard (Ask Engineering Bulletin No585 for 160 to 450V)	85°C 2,000 hours +R			Pin	6.3 to 100	820 to 100,000
	Low Profile	KMH	105°C, standard (Ask Engineering Bulletin No584 for 160 to 450V)	105°C 2,000 hours +R			Pin	6.3 to 100	560 to 82,000
		SLM	15mm height, low profile	85°C 2,000 hours +R			Pin	160 to 400	47 to 560
	High Reliability	KLM	15mm height, low profile	105°C 2,000 hours +R			Pin	160 to 400	39 to 390
		TXH (NEW!)	Long life	105°C 10,000 hours +R			Pin	200 to 450	220 to 1,800
		LXM	Long life, downsized	105°C 7,000 hours +R			Pin	160 to 450	47 to 2,200
		LXS (Upgrade!)	Long life, downsized	105°C 5,000 hours +R	●		Pin	160 to 500	82 to 3,300
		LXQ	Long life, downsized	105°C 5,000 hours +R			Pin	160 to 450	82 to 2,700
LXG		Long life	105°C 5,000 hours +R			Pin	10 to 100	390 to 47,000	
CHA		No sparks with DC overvoltage, downsized	105°C 2,000 hours +R			Pin	200 to 450	56 to 1,200	
Screw-Mount Type	General Purpose	LXH	No sparks with DC overvoltage	105°C 3,000/5,000 hours +R			Pin	200 & 400	68 to 1,500
		KMV	For charge and discharge application	105°C 3,000 hours +R			Pin	350 to 450	82 to 1,200
		SME	85°C, standard (Ask Engineering Bulletin No548 for 160 to 250V)	85°C 2,000 hours +R	●		Screw	10 to 100	2,200 to 680,000
	For Inverter	KMQ (NEW!)	105°C, downsized	105°C 2,000 hours +R			Screw	315 to 450	330 to 10,000
		KMH	105°C, standard	105°C 2,000 hours +R	●		Screw	10 to 400	180 to 680,000
		RWG	Long life, high ripple, downsized	85°C 5,000 hours +R			Screw	350 to 450	1,500 to 18,000
		RWF	Long life, high ripple	85°C 5,000 hours +R			Screw	350 to 450	820 to 22,000
		RWQ	High ripple, downsized	85°C 2,000 hours +R	●		Screw	350 to 550	390 to 15,000
		RWE	High ripple	85°C 2,000 hours +R	●		Screw	350 to 550	100 to 12,000
RWY		Long life, high ripple, low cost	85°C 5,000 hours +R			Screw	350 to 450	500 to 14,000	
RWL		Long life, high ripple	85°C 20,000 hours +R			Screw	350 to 450	2,200 to 12,000	
FTP	Ellips can shape, high ripple	85°C 5,000 hours +R			Screw	63 to 450	270 to 21,000		
	LXA	105°C, long life	105°C 2,000/5,000 hours +R			Screw	10 to 525	330 to 390,000	
	LXR	105°C, long life, high ripple	105°C 5,000 hours +R			Screw	350 to 450	2,200 to 15,000	
	RWV	For charge and discharge application	85°C 5,000 hours +R			Screw	350 to 450	820 to 18,000	

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