

Series	Features	Endurance (+R=With ripple)	Standard type	Low impedance	Solvent-proof	Terminal type	Rated voltage range (V _{dc})	Capacitance range (μF)		
Conductive Polymer Electrolyte Type	PXE <small>(NEW)</small>	Vertical type, super low ESR, high ripple current	105°C 2,000 hours		●	●	SMD	2.5 to 16	33 to 1,200	
	PXC	Vertical type, super low ESR	105°C 1,000 hours		●	●	SMD	2.5 to 16	27 to 470	
	PXA <small>(Upgrade!)</small>	Vertical type, super low ESR	105°C 2,000 hours		●	●	SMD	2.5 to 25	3.3 to 1,500	
	PXH	125°C Vertical type	125°C 1,000 hours		●	●	SMD	2.5 to 20	22 to 1,000	
	PSC <small>(NEW)</small>	Radial lead type, super low ESR, high ripple current	105°C 2,000 hours		●	●	Radial	2.5 to 16	330 to 2,700	
	PSA	Super low ESR, high ripple current	105°C 2,000 hours		●	●	Radial	2.5 to 16	100 to 1,000	
	PS	Super low ESR, high ripple current	105°C 2,000 hours		●	●	Radial	2.5 to 25	68 to 1,500	
Surface Mount	Vertical Type	MVS	4.5mm height	85°C 2,000 hours	●	●	SMD	4 to 50	0.1 to 220	
		MVA	5.5 to 22.0mm max. height, downsized	85°C 2,000 hours		▲	SMD	4 to 450	0.1 to 10,000	
		MV	5.5 to 10.5mm max. height	85°C 1,000 to 2,000 hours	●	●	SMD	4 to 63	0.1 to 1,000	
		MVE	5.5 to 22.0mm max. height, downsized	105°C 1,000 to 2,000 hours		▲	SMD	6.3 to 450	0.47 to 6,800	
		MVK	5.5 to 10.5mm max. height	105°C 1,000 to 2,000 hours	●	●	SMD	6.3 to 50	0.1 to 1,000	
		MKA	5.5 to 10.5mm max. height	105°C 1,000 to 2,000 hours		●	SMD	6.3 to 50	0.1 to 1,000	
		MZA <small>(Upgrade!)</small>	6.1 to 10.5mm max. height, very low impedance	105°C 2,000 hours		●	●	SMD	6.3 to 80	3.3 to 1,500
		MVY	5.5 to 22.0mm max. height	105°C 1,000 to 5,000 hours		●	▲	SMD	6.3 to 100	1.0 to 8,200
		MZD <small>(NEW)</small>	105°C 5,000 hours, low impedance, long life <small>(Ask Engineering Bulletin No758 in detail)</small>	105°C 5,000 hours		●	●	SMD	6.3 to 50	10 to 470
		MLA <small>(NEW)</small>	Low impedance, long life	105°C 3,000 hours		●	●	SMD	6.3 to 50	10 to 1,000
		MVJ	6.0mm max. height <small>(Ask Engineering Bulletin No653 in detail)</small>	105°C 2,000 hours			●	SMD	6.3 to 50	0.1 to 100
		MLD <small>(NEW)</small>	105°C 5,000 hours, long life <small>(Ask Engineering Bulletin No759 in detail)</small>	105°C 5,000 hours			●	SMD	6.3 to 50	0.1 to 1,000
		MVL	6.0 to 10.5mm max. height	105°C 3,000 to 5,000 hours			●	SMD	6.3 to 50	0.1 to 1,000
		MVH <small>(Upgrade!)</small>	6.0 to 22.0mm max. height	125°C 1,000 to 5,000 hours			▲	SMD	10 to 450	3.3 to 4,700
		MV-BP	5.5mm max. height, bi-polar	85°C 2,000 hours			●	SMD	4 to 50	0.1 to 47
MVK-BP	6.0mm max. height, bi-polar	105°C 1,000 hours			●	SMD	6.3 to 50	0.1 to 47		
Miniature	Low Profile	SRM	5mm height, downsized	85°C 1,000 hours		●	Radial	4 to 50	0.1 to 330	
		SRE	5mm height	85°C 1,000 hours	●		Radial	4 to 50	0.1 to 100	
		KRE	5mm height	105°C 1,000 hours	●	●	Radial	6.3 to 50	0.1 to 100	
		SRA	7mm height	85°C 1,000 hours	●		Radial	4 to 63	0.1 to 470	
		KMA	7mm height	105°C 1,000 hours	●	●	Radial	4 to 63	0.1 to 220	
		SRG	φ4×7 to φ18×25mm, low profile	85°C 1,000 to 2,000 hours			●	Radial	4 to 50	0.1 to 10,000
		KRG	φ4×7 to φ18×25mm, low profile	105°C 1,000 hours			●	Radial	6.3 to 50	0.1 to 10,000
	General Purpose	SMQ	Downsized	85°C 2,000 hours	●		Radial	6.3 to 450	0.1 to 47,000	
		KMQ	Downsized	105°C 1,000 to 2,000 hours +R	●	▲	Radial	6.3 to 450	0.1 to 47,000	
		SMG	General, downsized	85°C 2,000 hours	●	▲	Radial	6.3 to 450	0.1 to 39,000	
		KMG	General, downsized	105°C 1,000 to 2,000 hours +R	●	▲	Radial	6.3 to 450	0.1 to 22,000	
		SME	General <small>(Ask Engineering Bulletin No511 in detail)</small>	85°C 2,000 hours			▲	Radial	6.3 to 450	0.1 to 15,000
		KME	General <small>(Ask Engineering Bulletin No512 in detail)</small>	105°C 1,000 hours +R			▲	Radial	6.3 to 400	0.1 to 15,000
		SME-BP	Bi-polar, general	85°C 2,000 hours	●	●	Radial	6.3 to 100	0.47 to 6,800	
		KME-BP	Bi-polar, general	105°C 1,000 hours	●	●	Radial	6.3 to 100	0.47 to 6,800	
High Frequency Use	KZM <small>(NEW)</small>	Lowest impedance, long life	105°C 6,000 to 10,000 hours +R	●		Radial	6.3 to 35	27 to 10,000		
	KZH	Lowest impedance, long life	105°C 5,000 to 6,000 hours +R	●		Radial	6.3 to 35	47 to 8,200		
	KZE	Lowest impedance, long life	105°C 1,000 to 5,000 hours +R	●		Radial	6.3 to 100	6.8 to 6,800		
	KY <small>(Upgrade!)</small>	Low impedance, long life	105°C 4,000 to 10,000 hours +R		●	Radial	6.3 to 100	0.47 to 18,000		
	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, high reliability	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	
	KMF	Low impedance, high CV, general <small>(Ask Engineering Bulletin No630 in detail)</small>	105°C 2,000 hours +R		●	Radial	160 to 450	2.2 to 220		

■ : Promotional products

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Miniature	High Reliability	KXJ <small>(NEW)</small>	Downsized, long life, for input filtering	105°C 10,000 to 12,000 hours +R	●		Radial	160 to 400	10 to 680	
		KXG	Downsized, long life, for input filtering	105°C 8,000 to 10,000 hours +R	●		Radial	160 to 450	6.8 to 330	
		KMX	Long life, for input filtering <small>(Ask Engineering Bulletin No 646 in detail)</small>	105°C 8,000 to 10,000 hours +R	●		Radial	160 to 450	3.3 to 680	
		SMH	φ20×20 to φ22×50mm	85°C 2,000 hours +R	●		Radial	160 to 450	33 to 470	
		KMH	φ20×20 to φ22×50mm	105°C 2,000 hours +R	●		Radial	160 to 450	33 to 470	
		PAG	Low profile, for input filtering	105°C 2,000 hours +R			Radial	200 to 450	18 to 560	
		KLJ <small>(NEW)</small>	Downsized, no sparks with DC overvoltage	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	
		FL	Long life	105°C 3,000 hours +R		●	Radial	6.3 to 50	0.47 to 270	
		GPA <small>(NEW)</small>	125°C, downsized, low impedance	125°C 3,000 to 5,000 hours +R	●	●	Radial	25 to 63	330 to 6,800	
		GXE	125°C, downsize, low impedance	125°C 2,000 to 5,000 hours +R	●	▲	Radial	10 to 450	4.7 to 4,700	
		GXL	125°C Long life	125°C 5,000/10,000 hours +R		●	Radial	10 to 50	100 to 4,700	
		GHA <small>(NEW)</small>	150°C (Ask Engineering Bulletin No715 in detail)	150°C 1,000 hours		●	Radial	10 to 100	10 to 10,000	
	Special Application	LBG <small>(Upgrade!)</small>	For airbag	105°C 5,000 hours +R	●	●	Radial	25 to 35	1,000 to 11,000	
		KZV <small>(NEW)</small>	For PC motherboard <small>(Ask Engineering Bulletin No756 in detail)</small>	105°C 2,000 hours +R	●		Radial	4	820 to 2,700	
		KZJ <small>(NEW)</small>	For PC motherboard	105°C 2,000 hours +R	●		Radial	6.3 to 16	470 to 3,300	
		KZG	For PC motherboard	105°C 2,000 hours +R	●		Radial	6.3 to 16	470 to 3,300	
		LLA	Low DC leakage, general	85°C 1,000 hours		●	Radial	6.3 to 50	0.1 to 15,000	
		PH	For photo flash	55°C 5,000 times charging			Radial	300 & 330	—	
	Large Sized	General Purpose	KMR <small>(NEW)</small>	105°C, Snap-in terminal, super downsized	105°C 2,000 hours +R	●		Pin	160 to 450	100 to 3,900
			SMQ	Snap-in terminal, more downsized	85°C 2,000 hours +R	●		Pin	160 to 450	82 to 3,900
			KMQ <small>(Upgrade!)</small>	Snap-in terminal, more downsized	105°C 2,000 hours +R	●		Pin	160 to 450	68 to 3,300
SMM			Snap-in terminal, downsized	85°C 3,000 hours +R	●		Pin	35, 50, 160 to 450	47 to 33,000	
KMM			Snap-in terminal, downsized	105°C 2,000 to 3,000 hours +R	●		Pin	160 to 450	39 to 3,300	
SMH			Snap-in terminal, general <small>(Refer Engineering Bulletin No585 for 160 to 450V)</small>	85°C 2,000 hours +R	●		Pin	6.3 to 100	820 to 100,000	
KMH			Snap-in terminal, general <small>(Refer Engineering Bulletin No584 for 160 to 450V)</small>	105°C 2,000 hours +R	●		Pin	6.3 to 100	560 to 82,000	
Low Profile		SLM	15mm height	85°C 2,000 hours +R			Pin	160 to 400	47 to 560	
		KLM	15mm height	105°C 2,000 hours +R			Pin	160 to 400	39 to 390	
High Reliability		LXM	Long life	105°C 7,000 hours +R			Pin	160 to 450	47 to 2,200	
		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 & 400	56 to 1,200	
		LXH	No sparks with DC overvoltage	105°C 3,000/5,000 hours +R			Pin	200 & 400	68 to 1,500	
		RWE-LR	For air-conditioning <small>(Ask Engineering Bulletin No768 in detail)</small>	85°C 3,000 hours +R			Lug	250 to 450	330 to 2,200	
Screw-mount Terminal Type		General Purpose	SME	Screw terminal, general	85°C 2,000 hours +R	●		Screw	10 to 250	560 to 680,000
			KMH	Screw terminal, general	105°C 2,000 hours +R	●		Screw	10 to 400	180 to 680,000
		For Inverter	RWG <small>(NEW)</small>	85°C, high ripple, downsized, long life	85°C 5,000 hours +R			Screw	350 to 450	1,500 to 18,000
	RWF		High ripple, long life	85°C 5,000 hours +R			Screw	350 to 450	820 to 22,000	
	RWE		High ripple	85°C 2,000 hours +R	●		Screw	350 to 550	100 to 12,000	
	RWY		High ripple, long life, low cost	85°C 5,000 hours +R			Screw	350 to 450	500 to 14,000	
	RWL		High ripple, long life	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		Long life	105°C 2,000/5,000 hours +R			Screw	10 to 525	330 to 390,000	
	LXR		High ripple, long life	105°C 5,000 hours +R			Screw	350 to 450	2,200 to 15,000	
	LWY		Low cost (Ask Engineering Bulletin No714 in detail)	105°C 5,000 hours +R			Screw	350 to 450	460 to 13,000	
KW	Low impedance (Ask Engineering Bulletin in detail)	105°C 2,000 hours		●	Screw	10 to 100	1,000 to 100,000			

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