

■ CONDUCTIVE POLYMER ALUMINUM SOLID CAPACITORS

Series		Page	Features	Standard Type	Miniaturization Low profile type	Low impedance	Long life	High temperature	AEC-Q200	Terminal type	Endurance (+R=With ripple)	Rated voltage range (Vdc)
Resin-Molded Surface Mount Type	PMA <small>(New!)</small>	—	Super low ESR, low profile (Ask Engineering Bulletin No.824 in detail)	●	●					—	105°C 5,000 hours	16 to 25
Surface Mount Type	PXJ <small>(Upgrade!)</small>	30	Super low ESR, high ripple current, downsized	●	●	●				SMD	105°C 15,000 hours	2.5 to 25
	PXG	32	Super low ESR, high ripple current, downsized	●	●	●				SMD	105°C 3,000 to 15,000 hours	16 to 25
	PXK	34	Super low ESR, high ripple current, downsized	●	●	●				SMD	105°C 3,000 to 15,000 hours	2.5 to 16
	PXS	36	Super low ESR, high ripple current	●	●	●				SMD	105°C 20,000 hours	4 to 16
	PXF	38	Super low ESR, high ripple current	●	●	●				SMD	105°C 3,000 to 15,000 hours	2 to 10
	PXE	40	Super low ESR, high ripple current	●	●	●				SMD	105°C 15,000 hours	2.5 to 16
	PXA	42	Super low ESR, high ripple current	●	●	●				SMD	105°C 3,000 to 15,000 hours	2.5 to 25
	PXD	44	125°C, super low ESR, high ripple current	●	●	●		●	●	SMD	125°C 2,000 hours	2.5 to 10
Radial Lead Type	PXH	46	125°C, super low ESR, high ripple current	●	●	●		●		SMD	125°C 1,000 hours	2.5 to 20
	PSJ <small>(New!)</small>	48	Super low ESR, high ripple current, downsized	●	●					Radial	105°C 2,000 to 5,000 hours	2.5
	PSG <small>(Upgrade!)</small>	50	Super low ESR, high ripple current	●	●	●				Radial	105°C 15,000 to 20,000 hours	16 to 35
	PSK	52	Super low ESR, high ripple current	●	●	●				Radial	105°C 20,000 hours	2.5 to 6.3
	PSF	54	Super low ESR, high ripple current	●	●	●				Radial	105°C 20,000 hours	2 to 16
	PSE	56	Super low ESR, high ripple current	●	●	●				Radial	105°C 20,000 hours	2.5 to 6.3
	PSC	58	Super low ESR, high ripple current	●	●	●				Radial	105°C 15,000 hours	2.5 to 16
PSA	60	Super low ESR, high ripple current	●	●	●				Radial	105°C 15,000 hours	2.5 to 16	
PS	62	Super low ESR, high ripple current	●	●	●				Radial	105°C 15,000 hours	2.5 to 35	

■ CONDUCTIVE POLYMER HYBRID ALUMINUM ELECTROLYTIC CAPACITORS

Series		Page	Features	Standard Type	Miniaturization Low profile type	Low impedance	Long life	High temperature	AEC-Q200	Terminal type	Endurance (+R=With ripple)	Rated voltage range (Vdc)
Surface Mount Type	HXC <small>(New!)</small>	72	125°C, super low ESR, high ripple current	●	●	●	●	●	●	SMD	125°C 4,000 hours +R	16 to 63
	HXD <small>(New!)</small>	74	Super low ESR, high ripple current	●	●	●			●	SMD	105°C 5,000 hours +R	16 to 63
	HXA	76	125°C, super low ESR, high ripple current		●	●	●	●	●	SMD	125°C 4,000 hours +R	16 to 80
	HXB	78	Super low ESR, high ripple current		●	●			●	SMD	105°C 5,000 hours +R	16 to 80
Radial Lead Type	HSC <small>(New!)</small>	80	125°C, super low ESR, high ripple current	●	●	●	●	●	●	Radial	125°C 4,000 hours +R	25 to 63
	HSD <small>(New!)</small>	82	Super low ESR, high ripple current	●	●	●			●	Radial	105°C 5,000 hours +R	25 to 63

■ ALUMINUM ELECTROLYTIC CAPACITORS

Series		Page	Features	Standard Type	Miniaturization Low profile type	Low impedance	Long life	High temperature	AEC-Q200	Terminal type	Endurance (+R=With ripple)	Rated voltage range (Vdc)	
Surface Mount Type	General Purpose	MVA	92	85°C, standard	●	●				SMD	85°C 2,000 hours	4 to 450	
		MVE	94	105°C, standard	●	●			●	SMD	105°C 1,000 to 2,000 hours	6.3 to 450	
	Low Impedance	MZR	96	Super low ESR, downsized		●	●			●	SMD	105°C 2,000 hours	6.3 to 50
		MZJ	98	Super low ESR		●	●			●	SMD	105°C 2,000 hours	6.3 to 35
		MZA	100	Super low impedance, Case size 4 to 18mm		●	●	●		●	SMD	105°C 2,000 to 5,000 hours	6.3 to 100
		MVY	102	Low impedance, standard, Case size 4 to 18mm	●		●			●	SMD	105°C 1,000 to 5,000 hours	6.3 to 100
		MZF	104	10,000 hours, Long life, low impedance			●	●			SMD	105°C 10,000 hours	6.3 to 50
		MZE	106	7,000/8,000 hours, Long life, low impedance			●	●			SMD	105°C 7,000 to 8,000 hours	6.3 to 50
		MZK	108	5,000 hours, Long life, low impedance		●	●	●			SMD	105°C 5,000 hours	6.3 to 35
	Long Life	MLA	110	3,000 hours, Long life, low impedance			●	●			SMD	105°C 3,000 hours	6.3 to 50
		MLF	112	10,000 hours, Long life				●			SMD	105°C 10,000 hours	6.3 to 50
		MLE	114	7,000/8,000 hours, Long life				●			SMD	105°C 7,000 to 8,000 hours	6.3 to 50
		MLK	116	5,000 hours, Long life		●		●			SMD	105°C 5,000 hours	6.3 to 35
		MVL	117	3,000/5,000 hours, Long life				●			SMD	105°C 3,000 to 5,000 hours	6.3 to 50
	Special Application	MVJ	119	2,000 hours, Long life				●			SMD	105°C 2,000 hours	6.3 to 50
		MVH	120	125°C, Case size 6.3 to 18mm	●			●	●	●	SMD	125°C 1,000 to 5,000 hours	10 to 450
		MHL	122	125°C, Downsized				●	●	●	SMD	125°C 2,000 to 4,000 hours	10 to 35
		MHB	124	125°C, Specified ESR after endurance Case size 8 to 18mm					●	●	SMD	125°C 1,500 to 3,000 hours	10 to 100
		MHJ	126	125°C, Specified ESR after endurance					●	●	SMD	125°C 2,000 to 3,000 hours	10 to 35
		MHK	128	125°C, Specified ESR after endurance					●	●	SMD	125°C 2,000 hours	35
MKB		130	Specified ESR at low temperature							SMD	105°C 3,000 hours	400	
MV-BP	131	Bi-polar		●					SMD	85°C 2,000 hours	6.3 to 50		
MVK-BP	132	Bi-polar		●					SMD	105°C 1,000 hours	6.3 to 50		

● : Recommendation products

AEC-Q200 : AEC-Q200 compliant. Please contact your local Chemi-Con office for more details, test data, information and also non indicated products.

ALUMINUM ELECTROLYTIC CAPACITORS

	Series	Page	Features	Standard Type	Miniaturization	Low profile type	Low impedance	Long life	High temperature	AEC-Q200	Terminal type	Endurance (+R=With ripple)	Rated voltage range (Vdc)	
				●	●	●	●	●	●	●				
Radial Lead Type	Low Profile	SRM	134	85°C, 5mm height, downsized		●					Radial	85°C 1,000 hours	4 to 50	
		SRE	135	85°C, 5mm height, standard	●	●					Radial	85°C 1,000 hours	4 to 50	
		KRE	136	105°C, 5mm height, standard	●	●					Radial	105°C 1,000 hours	6.3 to 50	
		SRA	137	85°C, 7mm height, standard	●	●					Radial	85°C 1,000 hours	4 to 63	
		KMA	138	105°C, 7mm height, standard	●	●					Radial	105°C 1,000 hours	4 to 63	
		SRG	139	φ 4×7 to φ 18×25mm, low profile		●						Radial	85°C 1,000 to 2,000 hours	4 to 50
		KRG	141	φ 4×7 to φ 18×25mm, low profile		●						Radial	105°C 1,000 hours	6.3 to 50
	General Purpose	SMQ	143	85°C, Downsized		●						Radial	85°C 2,000 hours	6.3 to 450
		KMQ	146	105°C, Downsized		●						Radial	105°C 1,000 to 2,000 hours +R	6.3 to 450
		SMG	149	85°C, standard	●	●						Radial	85°C 2,000 hours	6.3 to 450
		KMG	152	105°C, standard	●	●						Radial	105°C 1,000 to 2,000 hours +R	6.3 to 450
		SME-BP	—	Bi-polar, downsized (Ask Engineering Bulletin No.865 in detail)		●						Radial	85°C 2,000 hours	6.3 to 100
		KME-BP	—	Bi-polar, downsized (Ask Engineering Bulletin No.866 in detail)		●						Radial	105°C 1,000 hours	6.3 to 100
	Power Supply Output, Low Impedance	KZN	155	Long life, low impedance		●	●	●				Radial	105°C 6,000 to 10,000 hours +R	6.3 to 100
		KZM	158	Long life, super low impedance		●	●	●				Radial	105°C 6,000 to 10,000 hours +R	6.3 to 50
		KZH	161	Super low impedance, downsized		●	●	●				Radial	105°C 5,000 to 6,000 hours +R	6.3 to 35
		KZE	163	Low impedance, downsized		●	●	●				Radial	105°C 1,000 to 5,000 hours +R	6.3 to 100
		KYB	166	Low impedance, downsized		●	●	●				Radial	105°C 4,000 to 10,000 hours +R	6.3 to 100
		KYA	169	Low impedance, downsized		●	●	●				Radial	105°C 4,000 to 10,000 hours +R	6.3 to 100
		KY	172	Low impedance, standard	●		●	●				Radial	105°C 4,000 to 10,000 hours +R	6.3 to 100
		LZA	175	Low impedance, downsized		●	●	●		●		Radial	105°C 4,000 to 7,000 hours +R	6.3 to 35
		LXZ	177	Low impedance, downsized	●	●	●	●		●		Radial	105°C 2,000 to 8,000 hours +R	6.3 to 63
		LXY	180	Low impedance			●	●		●		Radial	105°C 2,000 to 8,000 hours +R	10 to 63
		LXV	182	Low impedance			●	●		●		Radial	105°C 2,000 to 5,000 hours +R	6.3 to 100
	Power Supply Input	KXJ	185	Long life, downsized, for input filtering		●		●		●		Radial	105°C 8,000 to 12,000 hours +R	160 to 500
		KXG	189	Long life, downsized, for input filtering	●	●		●				Radial	105°C 8,000 to 10,000 hours +R	160 to 450
		KWA	191	Low profile, long life for input filtering		●		●				Radial	105°C 5,000 hours +R	400 to 450
		KHE	193	Low profile, high ripple for input filtering		●						Radial	105°C 2,000 hours +R	400 to 450
		PAG	195	Low profile, for input filtering		●						Radial	105°C 2,000 hours +R	200 to 450
		KLJ	197	No sparks with DC overvoltage, downsized		●						Radial	105°C 2,000 hours +R	200 to 450
		KLG	—	No sparks with DC overvoltage (Ask Engineering Bulletin No.679 in detail)								Radial	105°C 2,000 hours +R	200 & 400
		KXF (New!)	199	Long life, downsized, for input filtering		●		●				Radial	105°C 15,000/20,000 hours +R	160 to 450
		KXE	201	Long life, downsized, for input filtering		●		●				Radial	105°C 10,000 to 12,000 hours +R	160 to 400
Power Supply Output	LE	203	Long life, downsized		●		●				Radial	105°C 10,000 hours +R	10 to 100	
	FL	205	Long life, downsized		●		●				Radial	105°C 3,000 hours +R	6.3 to 50	
High Temperature	GPA	207	125/150°C, downsized (Guaranteed short time at 150°C)		●	●	●	●	●		Radial	125°C 3,000 to 5,000 hours +R	25 to 100	
	GVA	210	125°C, high vibration resistance		●	●	●	●	●		Radial	125°C 5,000 hours +R	25 to 100	
	GXF (New!)	212	125°C, high ripple		●	●		●	●		Radial	125°C 3,000 hours +R	25 to 400	
	GXE	215	125°C, low impedance, downsized		●	●	●	●	●		Radial	125°C 2,000 to 5,000 hours +R	10 to 450	
	GXL	217	125°C				●	●	●		Radial	125°C 5,000 hours +R	10 to 50	
	GPD	219	135/150°C, high ripple (Guaranteed short time at 150°C)		●	●	●	●	●		Radial	135°C 2,000 to 3,000 hours +R	25 to 100	
	GVD	222	135°C, high vibration resistance		●	●	●	●	●		Radial	135°C 2,000 to 3,000 hours +R	25 to 100	
Special Application	LBK	224	For airbag, downsized		●	●	●		●		Radial	105°C 5,000 hours +R	25 & 35	
	LBG	226	For airbag		●	●	●		●		Radial	105°C 5,000 hours +R	25 & 35	
	PH	228	For photo flash		●						Radial	55°C 5,000 times charging	300 & 330	

■ : Recommendation products

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ALUMINUM ELECTROLYTIC CAPACITORS

Series		Page	Features	Standard Type	Miniaturization Low profile type	High ripple	Long life	Terminal type	Endurance (+R=With ripple)	Rated voltage range (V _{dc})	
Snap-in Type	General Purpose	SMR	231	85°C, high ripple, downsized	●	●		Pin	85°C 2,000 hours +R	400 to 450	
		SMQ	233	85°C, standard	●	●		Pin	85°C 2,000 hours +R	160 to 450	
		KMZ (New!)	236	105°C, super downsized		●			Pin	105°C 2,000 hours +R	420 & 450
		KMW	238	105°C, super downsized		●			Pin	105°C 2,000 hours +R	400 to 450
		KMR	240	105°C, downsized		●			Pin	105°C 2,000 hours +R	160 to 450
		KMQ	243	105°C, standard	●		●		Pin	105°C 2,000 hours +R	35, 50, 160 to 450
		RLB (New!)	247	85°C, 5,000 hours, high ripple		●	●		Pin	85°C 5,000 hours +R	180 to 250
		RLA	249	85°C, high ripple		●	●		Pin	85°C 3,000 hours +R	180 to 250
		SMM	251	85°C, 3,000 hours	●		●	●	Pin	85°C 3,000 hours +R	160 to 450
		KMT	255	105°C, high ripple			●		Pin	105°C 3,000 hours +R	420 & 450
		KMS (Upgrade!)	257	105°C, downsized	●	●	●	●	Pin	105°C 3,000 hours +R	160 to 550
		KMM	260	105°C, 3,000 hours	●		●	●	Pin	105°C 3,000 hours +R	160 to 450
		SMH	264	85°C, standard (Ask Engineering Bulletin No.585 for 160 to 450V)					Pin	85°C 2,000 hours +R	6.3 to 100
	KMH	267	105°C, standard (Ask Engineering Bulletin No.584 for 160 to 450V)					Pin	105°C 2,000 hours +R	6.3 to 100	
	Low Profile	SLM	—	15mm height, low profile (Ask Engineering Bulletin No.854 in detail)		●			Pin	85°C 2,000 hours +R	160 to 400
		KLM	—	15mm height, low profile (Ask Engineering Bulletin No.855 in detail)		●			Pin	105°C 2,000 hours +R	160 to 400
	High Temperature	TXH	270	Long life				●	Pin	105°C 10,000 hours +R	200 to 450
		LXM	272	Long life, downsized		●		●	Pin	105°C 7,000 hours +R	160 to 450
		LXS (Upgrade!)	275	Long life, downsized	●	●	●	●	Pin	105°C 5,000 hours +R	160 to 550
		LXQ	278	Long life, downsized		●		●	Pin	105°C 5,000 hours +R	160 to 450
		LXG	281	Long life				●	Pin	105°C 5,000 hours +R	10 to 100
	Special Application	CHA	284	No sparks with DC overvoltage				●	Pin	105°C 2,000 hours +R	200 to 450
		LXH	—	No sparks with DC overvoltage (Ask Engineering Bulletin No.856 in detail)		●	●	●	Pin	105°C 3,000/5,000 hours +R	200 & 400
KMV		286	For charge and discharge application					Pin	105°C 3,000 hours +R	350 to 450	
Screw-Mount Type	General Purpose	SME	290	85°C, standard (Ask Engineering Bulletin No.548 for 160 to 250V)	●			Screw	85°C 2,000 hours +R	10 to 100	
		KMQ	292	105°C, downsized		●		Screw	105°C 2,000 hours +R	315 to 450	
		KMH	294	105°C, standard	●			Screw	105°C 2,000 hours +R	10 to 400	
	For Inverter	RWH	298	High ripple, downsized		●	●	●	Screw	85°C 5,000 hours +R	350 to 450
		RWG	300	Long life, high ripple, downsized		●	●	●	Screw	85°C 5,000 hours +R	350 to 450
		RWF	302	Long life, high ripple		●	●	●	Screw	85°C 5,000 hours +R	350 to 450
		RWR	304	High ripple, downsized		●	●		Screw	85°C 2,000 hours +R	350 to 450
		RWQ	306	High ripple, downsized	●		●		Screw	85°C 2,000 hours +R	350 to 550
		RWE	308	High ripple	●	●	●		Screw	85°C 2,000 hours +R	350 to 550
		RWY	310	Long life, high ripple, low cost				●	Screw	85°C 5,000 hours +R	350 to 450
		RWL	312	Long life, high ripple				●	Screw	85°C 20,000 hours +R	350 to 450
		RHB (New!)	—	85°C, high voltage (Ask Engineering Bulletin No.846 in detail)					Screw	85°C 2,000 hours +R	575 to 700
		RHA	314	High voltage, high ripple		●	●	●	Screw	85°C 5,000 hours +R	500 to 650
		FTP	316	Ovalized can shape, high ripple		●	●	●	Screw	85°C 5,000 hours +R	63 to 450
		LXA	318	105°C, long life		●		●	Screw	105°C 2,000/5,000 hours +R	10 to 525
		LXR	322	105°C, long life, high ripple			●	●	Screw	105°C 5,000 hours +R	350 to 450
RWV	324	For charge and discharge application					Screw	85°C 5,000 hours +R	350 to 450		

ALUMINUM ELECTROLYTIC CAPACITORS (UNITED CHEMI-CON, INC. Products)

Series		Page	Features	Standard Type	Miniaturization Low profile type	High ripple	Long life	Terminal type	Endurance (+R=With ripple)	Rated voltage range (V _{dc})
Screw-Mount Type	For Inverter	U37F	327	Long life, high ripple		●	●	Screw	85°C 5,000 hours +R	350 to 500
		U37L	334	Long life, high ripple		●	●	Screw	85°C 10,000 hours +R	350 to 500
		U37X	341	Long life, high ripple		●	●	Screw	85°C 15,000 hours +R	350 to 500
		UTOR	348	Toroidal shape, long life, high ripple			●	●	Screw	105°C 5,000 hours +R

ALUMINUM ELECTROLYTIC CAPACITORS FOR AUDIO

Series		Page	Features	Standard Type	Miniaturization Low profile type	Terminal type	Endurance (+R=With ripple)	Rated voltage range (V _{dc})
For Audio	MAR MELODIO	355	Surface mount type	●	●	SMD	85°C 2,000 hours	6.3 to 50
	MAK MELODIO	357	105°C, Surface mount type			SMD	105°C 1,000 hours	6.3 to 50
	ARI MELODIO	359	5mm / 7mm height	●	●	Radial	85°C 1,000 hours	6.3 to 50
	ASG	361	Standard, downsized		●	Radial	85°C 2,000 hours	6.3 to 100
	ASH	363	Standard	●	●	Radial	85°C 1,000 hours	6.3 to 100
	AVH MELODIO	365	Standard		●	Radial	85°C 1,000 hours	6.3 to 100
	AWJ	367	High grade		●	Radial	85°C 1,000 hours	16 to 100
	SNX-BP	369	General purpose speaker network		●	Radial	85°C 1,000 hours	63
	AJ MELODIO	370	For input filtering, snap-in type		●	Pin	85°C 1,000 hours	25 to 25

● : Recommendation products