

## ALUMINUM ELECTROLYTIC CAPACITORS

## GENERAL PURPOSE AXIAL LEAD ALUMINUM ELECTROLYTIC CAPACITORS

## Specifications

- Operating Temperature:
  - 40°C to +105°C for 6.3-100VDC
  - 25°C to +105°C for 160-450VDC
- Rated Life: 2,000 hours @ +105°C



Mfg. Part No.	Cap.	Tol.	Dia.	Height	Stock No.	Price Each
16 V, 2000 hours @ 105°C, -40 °C to 105 °C						
● MCAX16V106K6X13	10µF	±10%	6mm	13mm	97M3984	0.55
● MCAX16V257K8X16	250µF	±20%	8mm	16mm	97M3986	0.09
25 V, 2000 hours @ 105°C, -40 °C to 105 °C						
● MCAX25V106K6X13	10µF	±10%	6mm	13mm	97M3988	0.59
● MCAX25V226M6X13	22µF	±20%	6mm	13mm	97M3995	0.55
● MCAX25V256K6X13	25µF	±10%	6mm	13mm	97M3997	0.59
● MCAX25V476M6X13	47µF	±20%	6mm	13mm	97M3998	0.55
● MCAX25V506M6X13	50µF	±20%	6mm	13mm	97M5049	0.55
● MCAX25V107K8X13	100µF	±10%	8mm	13mm	97M3989	0.73
● MCAX25V107M8X16	100µF	±20%	8mm	16mm	97M3991	0.29
● MCAX25V207K8X16	200µF	±10%	8mm	16mm	97M3994	0.87
● MCAX25V227M8X16	220µF	±20%	8mm	16mm	97M3996	0.81
● MCAX25V257M8X16	250µF	±20%	8mm	16mm	97M5048	0.93
● MCAX25V477M10X21	470µF	±20%	10mm	21mm	97M3999	1.03
● MCAX25V507M10X21	500µF	±20%	10mm	21mm	97M5050	0.20
● MCAX25V108M13X22	1000µF	±20%	13mm	22mm	97M3992	0.80
35 V, 2000 hours @ 105°C, -40 °C to 105 °C						
● MCAX35V106M6X13	10µF	±20%	6mm	13mm	97M4002	0.55
● MCAX35V476K6X13	47µF	±10%	6mm	13mm	97M5052	0.57
● MCAX35V107M8X16	100µF	±20%	8mm	16mm	97M4003	0.81
40 V, 2000 hours @ 105°C, -40 °C to 105 °C						
● MCAX40V227M10X21	220µF	±20%	10mm	21mm	97M4009	0.58
● MCAX40V687M16X28	680µF	±20%	16mm	28mm	97M4013	0.32
● MCAX40V108M16X32	1000µF	±20%	16mm	32mm	97M4007	1.86
● MCAX40V228M18X36	2200µF	±20%	18mm	36mm	97M4010	1.99
● MCAX40V478M20X36	4700µF	±20%	20mm	36mm	97M4012	0.67
50 V, 2000 hours @ 105°C, -40 °C to 105 °C						
● MCAX50V105K6X13	1µF	±10%	6mm	13mm	97M4015	0.10
● MCAX50V205K6X13	2µF	±10%	6mm	13mm	97M4021	0.10
● MCAX50V106M6X13	10µF	±20%	6mm	13mm	97M5060	0.55
● MCAX50V156K6X13	15µF	±10%	6mm	13mm	97M4020	0.59
● MCAX50V206K6X13	20µF	±10%	6mm	13mm	97M4022	0.59
● MCAX50V226M6X13	22µF	±20%	6mm	13mm	97M4023	0.59
● MCAX50V256M6X13	25µF	±20%	6mm	13mm	97M5063	0.59
● MCAX50V476M8X16	47µF	±20%	8mm	16mm	97M4027	0.77
● MCAX50V506K8X16	50µF	±10%	8mm	16mm	97M4028	0.74
● MCAX50V107K8X16	100µF	±10%	8mm	16mm	97M4017	0.82
● MCAX50V157M10X21	150µF	±20%	10mm	21mm	97M5062	0.21
● MCAX50V108M16X32	1000µF	±20%	16mm	32mm	97M4018	1.72
● MCAX50V108M16X38	1000µF	±20%	16mm	38mm	97M5061	1.73
● MCAX50V508K22X42	5000µF	±10%	22mm	42mm	97M4030	1.17
63 V, 2000 hours @ 105°C, -40 °C to 105 °C						
● MCAX63V105M6X13	1µF	±20%	6mm	13mm	97M4031	0.55
● MCAX63V225M6X13	2.2µF	±20%	6mm	13mm	97M4035	0.55
● MCAX63V106M6X13	10µF	±20%	6mm	13mm	97M4032	0.59
● MCAX63V226M6X13	22µF	±20%	6mm	13mm	97M4036	0.59
● MCAX63V476M8X16	47µF	±20%	8mm	16mm	97M4041	0.87
● MCAX63V107M10X21	100µF	±20%	10mm	21mm	97M4033	0.98
● MCAX63V227M13X22	220µF	±20%	13mm	22mm	97M4037	0.80
● MCAX63V337M13X27	330µF	±20%	13mm	27mm	97M4039	0.24
● MCAX63V108M16X36	1000µF	±20%	16mm	36mm	97M4034	0.67
● MCAX63V228M20X36	2200µF	±20%	20mm	36mm	97M4038	3.18
150 V, 2000 hours @ 105°C, -40 °C to 105 °C						
● MCAX150V106K10X21	10µF	±10%	10mm	21mm	97M3983	0.13
● MCAX150V506M13X27	50µF	±20%	13mm	27mm	97M5045	0.43
350 V, 2000 hours @ 105°C, -40 °C to 105 °C						
● MCAX350V106M10X21	10µF	±20%	10mm	21mm	97M5053	0.80
● MCAX350V107M18X36	100µF	±20%	18mm	36mm	97M5054	1.43
450 V, 2000 hours @ 105°C, -40 °C to 105 °C						
● MCAX450V205M10X21	2µF	±20%	10mm	21mm	97M5056	0.26
● MCAX450V805M13X25	8µF	±20%	13mm	25mm	97M5059	0.43
● MCAX450V106M13X25	10µF	±20%	13mm	25mm	97M5055	0.44
● MCAX450V206M13X32	20µF	±20%	13mm	32mm	97M5057	1.72
● MCAX450V226M16X32	22µF	±20%	16mm	32mm	97M4014	0.62
● MCAX450V406M18X36	40µF	±20%	18mm	36mm	97M5058	1.34

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## DCMC SERIES SCREW TERMINAL ALUMINUM ELECTROLYTIC CAPACITORS

## Features

- Low ESR
- Handle Large Ripple Currents
- Thermal-Pak™ Extended Cathode Construction Helps Assure Cool Operation with Heat Flow from the Capacitor Element to the Can
- Ideal for Power Supplies and UPS Systems

## Specifications

- Tolerance: -10%, +75% up to 100 VDC; -10%, +50% for 160 VDC and Up

For mounting brackets; go online or call



- Operating Temperature: -40°C to +85°C

Mfg. Part No.	Cap.	ESR	Dia.	Height	Stock No.	Price Each
16 V, 85 °C, +75%, -10%						
● DCMC353U016AA2B	35000µF	0.0265ohm	34.93mm	34.93mm	64K2260	10.19
25 V, 85 °C, +75%, -10%						
● DCMC203U025AA2B	20000µF	0.0236ohm	34.93mm	34.93mm	59K0145	9.68
50 V, 85 °C, +75%, -10%						
● DCMC154U050DC2B	0.15F	0.0067ohm	76.2mm	76.2mm	60K5377	91.64
● DCMC244U050DP2D	0.24F	0.0054ohm	76.2mm	149.23mm	59K0148	106.42
● DCMC103U050AA2B	10000µF	0.0309ohm	34.93mm	34.93mm	59K0136	23.31
● DCMC163U050AB2B	16000µF	0.0236ohm	34.93mm	34.93mm	59K0141	16.68
● DCMC383U050BB2B	38000µF	0.0163ohm	50.8mm	79.38mm	95B8776	44.89
● DCMC603U050BC2B	60000µF	0.0119ohm	50.8mm	50.8mm	95B8784	58.16
75 V, 85 °C, +75%, -10%						
● DCMC143U075AC2B	14000µF	0.0305ohm	34.93mm	34.93mm	59K0139	17.75
● DCMC303U075BC2B	30000µF	0.0156ohm	50.8mm	104.78mm	19C2013	53.29
100 V, 85 °C, +75%, -10%						
● DCMC763U100DF2B	76000µF	0.0112ohm	76.2mm	76.2mm	59K0164	119.63
200 V, 85 °C, +50%, -10%						
● DCMC243T200DF2B	24000µF	0.0133ohm	76.2mm	76.2mm	95B8767	---
250 V, 85 °C, +50%, -10%						
● DCMC152T250AB2B	1500µF	0.1005ohm	34.93mm	34.93mm	59K0140	14.20
● DCMC192T250AJ2B	1900µF	0.0696ohm	34.93mm	34.93mm	59K0143	22.89
450 V, 85 °C, +50%, -10%						
● DCMC681T450AC2B	680µF	0.1695ohm	34.93mm	34.93mm	60K5379	38.04

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## CGH SERIES SCREW TERMINAL ALUMINUM ELECTROLYTIC CAPACITORS

## Features

- High Ripple Current @ 85°C Max.
- High Reliability

## Application

- Suitable for Use in Most AC Drive and UPS

## Applications

## Specifications

- Tolerance: -10%, +50%
- Voltage Range: 250 VDC to 500 VDC

Most popular values listed. Additional values available, go online or call.



- Capacitance Range: 350 µF to 22,000 µF
- Operating Temperature: -40°C to +85°C

Mfg. Part No.	Cap.	ESR	Dia.	Height	Stock No.	Price Each
250 V, 85 °C, +50%, -10%						
● CGH172T250V2L	1700µF	65.8ohm	50.8mm	66.7mm	69K1773	8.92
● CGH292T250V3L	2900µF	53.1ohm	50.8mm	92.07mm	74K3712	54.74
● CGH223T250X8L	22000µF	11.5ohm	76.2mm	219.07mm	69K1774	365.91
450 V, 85 °C, +50%, -10%						
● CGH102T450V3L	1000µF	83.4ohm	50.8mm	92.07mm	69K1772	64.99
● CGH242T450W4L	2400µF	40.1ohm	63.5mm	117.47mm	95F3399	101.62
● CGH312T450W5L	3100µF	31.7ohm	63.5mm	142.87mm	69K1775	123.02

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## CGS SERIES SCREW TERMINAL ALUMINUM ELECTROLYTIC CAPACITORS

## Features

- High CV Product
- Screw Terminals

## Applications

- High Current Filtering or Energy Storage

## Specifications

- Tolerance: 6.3 VDC to 150 VDC: -10%, +75%; 200 VDC to 450 VDC: -10%, +50%
- Capacitance Range: 75 µF to 1,500,000 µF
- Voltage Range: 6.3 to 500 VDC
- Operating Temperature: -40°C to +85°C

Mounting brackets ordered separately, go online or call. Additional values available, go online or call for details.

