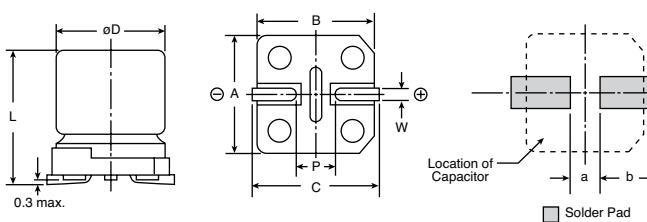


UNITED CHEMI-CON Aluminum Electrolytic Capacitors

**UNITED
CHEMI-CON**



Case and Solder Pad Dimensions for MKA Series

Case Code	$\varnothing D$ ± 0.5	L	A ± 0.2	B ± 0.2	C ± 0.2	W	P	a	b	c
D55	ø4	5.2±0.3	4.3	4.3	5.1	0.5±0.8	1.0	1.0	2.6	1.6
E55	ø5	5.2±0.3	5.3	5.3	5.9	0.5±0.8	1.4	1.4	3.0	1.6
F55	ø6.3	5.2±0.3	6.6	6.6	7.2	0.5±0.8	1.9	1.9	3.5	1.6
F80	ø6.3	7.7±0.3	6.6	6.6	7.2	0.5±0.8	1.9	1.9	3.5	1.6
H63	ø8	6.3±0.5	8.3	8.3	9.0	0.5±0.8	2.3	2.3	4.5	1.6
H10	ø8	10±0.5	8.3	8.3	9.0	0.7±1.1	3.1	3.1	4.2	2.2
J10	ø10	10±0.5	10.3	10.3	11.0	0.7±1.1	4.5	4.5	4.4	2.2

Case and Solder Pad Dimensions for MV/MVK Series

Case Code	$\varnothing D$ ± 0.5	L	A ± 0.2	B ± 0.2	C ± 0.2	W	P	a	b	c
B55	ø3	5.2±0.3	3.3	3.3	3.7	0.45±0.75	0.8	0.8	2.2	1.6
D55	ø4	5.2±0.3	4.3	4.3	5.1	0.5±0.8	1.0	1.0	2.6	1.6
E55	ø5	5.2±0.3	5.3	6.3	5.9	0.5±0.8	1.4	1.4	3.0	1.6
F55	ø6.3	5.2±0.3	6.6	6.6	7.2	0.5±0.8	1.9	1.9	3.5	1.6
F60	ø6.3	5.7±0.3	6.6	6.6	7.2	0.5±0.8	1.9	1.9	3.5	1.6
8x6	ø8	6.3±0.5	8.3	8.3	9.0	0.5±0.8	2.3	2.3	4.5	1.6
8x10	ø8	10±0.5	8.3	8.3	9.0	0.7±1.1	3.1	3.1	4.2	2.2
10x10	ø10	10±0.5	10.3	10.3	11.0	0.7±1.1	4.5	4.5	4.4	2.2

MKA SERIES SMD CAPACITORS



LEAD-FREE

Features:

- Solvent proof
- Designed for lead free, high temperature reflow soldering



RoHS Compliant

MV/MVK SERIES SMD CAPACITORS



RoHS Compliant

Specifications:

- Operating temperature range: -40°C to +105°C
- Voltage range: 6.3 to 50VDC
- Capacitance range: 0.1 to 1.000μF
- Capacitance tolerance: ± 20% at +20°C, 120Hz
- Rated lifetime: 1000-2000 hours depending on case size
- Leakage current: .01CV or 3μA, whichever is greater, after 2 minutes at +20°C

105°C SMD (Lead Free)

6.3 Volt

For quantities 2000 and up, call for quote.

MOUSER STOCK NO.	United Chemi-Con Part Number	Value (μF)	Case Size D x L (mm)	Price Each			
				1	100	500	1000
661-MKA6.3V22RM	EMKA6R3ADA220MD55G	22	4 x 5.2				
661-MKA6.3VC47RM	EMKA6R3ADA470ME55G	47	5 x 5.2				
661-MKA6.3VC101M	EMKA6R3ADA101MF55G	100	6.3 x 5.2				
661-MKA6.3VC331M	EMKA6R3ADA331MHA0G	330	8 x 10				
661-MKA6.3VC102M	EMKA6R3ADA102MJA0G	1,000	10 x 10				

10 Volt

For quantities 2000 and up, call for quote.

MOUSER STOCK NO.	United Chemi-Con Part Number	Value (μF)	Case Size D x L (mm)	Price Each			
				1	100	500	1000
661-MKA10VC33RM	EMKA100ADA330ME55G	33	5 x 5.2				
661-MKA10VC101M	EMKA100ADA101MF80G	100	6.3 x 7.7				
661-MKA10VC221M	EMKA100ADA221MHA0G	220	8 x 10				

16 Volt

For quantities 2000 and up, call for quote.

MOUSER STOCK NO.	United Chemi-Con Part Number	Value (μF)	Case Size D x L (mm)	Price Each			
				1	100	500	1000
661-MKA16VC10RM	EMKA160ADA100MD55G	10	4 x 5.2				
661-MKA16VC22RM	EMKA160ADA220ME55G	22	5 x 5.2				
661-MKA16VC47RM	EMKA160ADA470MF55G	47	6.3 x 5.2				
661-MKA16VC471M	EMKA160ADA471MJA0G	470	10 x 10				

25 Volt

For quantities 2000 and up, call for quote.

MOUSER STOCK NO.	United Chemi-Con Part Number	Value (μF)	Case Size D x L (mm)	Price Each			
				1	100	500	1000
661-MKA25VC33RM	EMKA250ADA330MF55G	33	6.3 x 5.2				
661-MKA25VC47RM	EMKA250ADA470MF80G	47	6.3 x 7.7				
661-MKA25VC101M	EMKA250ADA101MHA0G	100	8 x 10				
661-MKA25VC331M	EMKA250ADA331MJA0G	330	10 x 10				

35 Volt

For quantities 2000 and up, call for quote.

MOUSER STOCK NO.	United Chemi-Con Part Number	Value (μF)	Case Size D x L (mm)	Price Each			
				1	100	500	1000
661-MKA35VC47RM	EMKA350ADA470MF55G	4.7	4 x 5.2				
661-MKA35VC10RM	EMKA350ADA100ME55G	10	5 x 5.2				
661-MKA35VC22RM	EMKA350ADA220MF55G	22	6.3 x 5.2				
661-MKA35VC33RM	EMKA350ADA330MF80G	33	6.3 x 7.7				
661-MKA35VC221M	EMKA350ADA221MJA0G	220	10 x 10				

50 Volt

For quantities 2000 and up, call for quote.

MOUSER STOCK NO.	United Chemi-Con Part Number	Value (μF)	Case Size D x L (mm)	Price Each			
				1	100	500	1000
661-MKA50VCR10M	EMKA500ADAR10MD55G	0.1	4 x 5.2				
661-MKA50VCR22M	EMKA500ADAR22MD55G	0.22	4 x 5.2				
661-MKA50VCR33M	EMKA500ADAR33MD55G	0.33	4 x 5.2				
661-MKA50VCR47M	EMKA500ADAR47MD55G	0.47	4 x 5.2				
661-MKA50V1C01RM	EMKA500ADA1R0MD55G	1	4 x 5.2				
661-MKA50V2C22RM	EMKA500ADA2R2MD55G	2.2	4 x 5.2				
661-MKA50V3C33RM	EMKA500ADA3R3MD55G	3.3	4 x 5.2				
661-MKA50V4C47RM	EMKA500ADA4R7ME55G	4.7	5 x 5.2				
661-MKA50V10RM	EMKA500ADA100MF55G	10	6.3 x 5.2				
661-MKA50V2C22RM	EMKA500ADA220MF80G	22	6.3 x 7.7				
661-MKA50V3C33RM	EMKA500ADA330MHA0G	33	8 x 10				
661-MKA50V101M	EMKA500ADA101MJA0G	100	10 x 10				

© Copyright 2011 Mouser Electronics

mouser.com/ucc



EUsales@mouser.com

709