

CORNELL DUBILIER Aluminum Electrolytic Capacitors



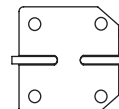
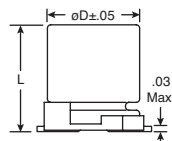
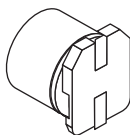
RoHS Compliant This product is RoHS compliant.

AVE SERIES 85°C ALUMINUM ELECTROLYTICS - GENERAL PURPOSE

Type AVE capacitors are a great value for filter and bypass applications not requiring wide temperature performance or high ripple current. Their vertical cylindrical cases facilitate automatic mounting and reflow soldering and offer a significant savings over tantalum capacitors. Low inductance.



RoHS Compliant



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	CDE Part No.	Value (μF)	Voltage	Operating Temperature	Capacitance Range	Capacitance Tolerance	Case Size (DxL) (mm)	Price Each			Reel Qty	Price Per Piece
								1	50	100		
598-AVE104M50B12T-F	AVE104M50B12T-F	0.1	50	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.12	.108	.097	2000	.055
598-AVE224M50B12T-F	AVE224M50B12T-F	0.22	50	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.12	.108	.097	2000	.055
598-AVE474M50B12T-F	AVE474M50B12T-F	0.47	50	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.12	.108	.097	2000	.055
598-AVE105M50B12T-F	AVE105M50B12T-F	1	50	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.12	.108	.097	2000	.055
598-AVE225M50B12T-F	AVE225M50B12T-F	2.2	50	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.12	.108	.097	2000	.055
598-AVE335M50B12T-F	AVE335M50B12T-F	3.3	50	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.12	.108	.097	2000	.055
598-AVE475M50B12T-F	AVE475M50B12T-F	4.7	50	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.12	.108	.097	2000	.055
598-AVE106M16A12T-F	AVE106M16A12T-F	10	16	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	3 x 5.3	.14	.132	.108	2000	.066
598-AVE106M16B12T-F	AVE106M16B12T-F	10	16	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.12	.108	.097	2000	.055
598-AVE106M25C12T-F	AVE106M25C12T-F	10	25	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	5 x 5.3	.10	.078	.075	1000	.055
598-AVE106M35C12T-F	AVE106M35C12T-F	10	35	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	5 x 5.3	.10	.078	.075	1000	.054
598-AVE226M06B12T-F	AVE226M06B12T-F	22	6.3	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.12	.108	.097	2000	.055
598-AVE226M10C12T-F	AVE226M10C12T-F	22	10	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	5 x 5.3	.10	.098	.085	1000	.062
598-AVE226M16C12T-F	AVE226M16C12T-F	22	16	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	5 x 5.3	.10	.078	.075	1000	.055
598-AVE226M25D16T-F	AVE226M25D16T-F	22	25	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	6.3 x 5.3	.10	.098	.085	1000	.062
598-AVE226M35D16T-F	AVE226M35D16T-F	22	35	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	6.3 x 5.3	.10	.098	.085	1000	.062
598-AVE336M16D16T-F	AVE336M16D16T-F	33	16	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	6.3 x 5.3	.12	.109	.091	1000	.066
598-AVE476M16D16T-F	AVE476M16D16T-F	47	16	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	6.3 x 5.3	.10	.098	.085	1000	.062
598-AVE476M25E16T-F	AVE476M25E16T-F	47	25	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	8 x 6.5	.22	.199	.163	1000	.095
598-AVE107M06D16T-F	AVE107M06D16T-F	100	6.3	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	6.3 x 5.3	.10	.098	.085	1000	.062
598-AVE107M16E16T-F	AVE107M16E16T-F	100	16	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	8 x 6.5	.22	.199	.163	1000	.095
598-AVE107M25E16T-F	AVE107M25E16T-F	100	25	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	8 x 6.5	.22	.199	.163	1000	.095
598-AVE107M25X16T-F	AVE107M25X16T-F	100	25	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	6.3 x 7.7	.13	.121	.097	1000	.07
598-AVE107M35F24T-F	AVE107M35F24T-F	100	35	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	8 x 10	.28	.24	.209	500	.153
598-AVE227M10E16T-F	AVE227M10E16T-F	220	10	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	8 x 6.5	.22	.199	.163	1000	.095
598-AVE227M25F24T-F	AVE227M25F24T-F	220	25	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	8 x 10	.28	.24	.209	500	.153
598-AVE337M10F24T-F	AVE337M10F24T-F	330	10	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	8 x 10	.28	.24	.209	500	.153
598-AVE337M16F24T-F	AVE337M16F24T-F	330	16	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	8 x 10	.28	.24	.209	500	.153
598-AVE337M25G24T-F	AVE337M25G24T-F	330	25	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	10 x 10	.49	.438	.371	500	.272
598-AVE477M10G24T-F	AVE477M10G24T-F	470	10	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	10 x 10	.49	.438	.371	500	.272
598-AVE477M16G24T-F	AVE477M16G24T-F	470	16	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	10 x 10	.39	.35	.297	500	.217
598-AVE108M10G24T-F	AVE108M10G24T-F	1000	10	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	10 x 10	.39	.35	.297	500	.217

Cornell Dubilier Aluminum Caps. SMD

AVEK SERIES 105°C ALUMINUM ELECTROLYTICS - VERY LONG LIFE (5000 HOURS)

Type AVEK Capacitors are rated for 5000 hours at 105°C with low impedance characteristics. They are ideal for high density PC board packaging. The Type AVEK offers a low in-place-cost for a high quality performer. The vertical cylindrical cases facilitate automatic mounting and reflow soldering into the same footprint of like-rated tantalum capacitors except without the need for voltage derating. Type AVEK is RoHS compliant.

RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	CDE Part No.	Value (μF)	Voltage	Operating Temperature	Capacitance Range	Capacitance Tolerance	Case Size (DxL) (mm)	Price Each			Reel Qty	Price Per Piece
								1	50	100		
598-AVEK336M50F24T-F	AVEK336M50F24T-F	33	50	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	8 x 10	.40	.331	.301	500	.22
598-AVEK476M35F24T-F	AVEK476M35F24T-F	47	35	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	8 x 10	.31	.284	.234	500	.17
598-AVEK476M50F24T-F	AVEK476M50F24T-F	47	50	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	8 x 10	.35	.296	.255	500	.186
598-AVEK107M10F24T-F	AVEK107M10F24T-F	100	10	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	8 x 10	.35	.302	.268	500	.20
598-AVEK107M16F24T-F	AVEK107M16F24T-F	100	16	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	8 x 10	.32	.276	.238	500	.174
598-AVEK107M25F24T-F	AVEK107M25F24T-F	100	25	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	8 x 10	.31	.284	.234	500	.17
598-AVEK107M35G24T-F	AVEK107M35G24T-F	100	35	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	10 x 10	.44	.383	.336	500	.245
598-AVEK227M10F24T-F	AVEK227M10F24T-F	220	10	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	8 x 10	.30	.263	.231	500	.169
598-AVEK227M16F24T-F	AVEK227M16F24T-F	220	16	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	8 x 10	.44	.331	.286	500	.21
598-AVEK337M10G24T-F	AVEK337M10G24T-F	330	10	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	10 x 10	.53	.458	.402	500	.294

AVES SERIES 105°C ALUMINUM ELECTROLYTICS - LOW PROFILE

Type AVES Capacitors are rated for 1000 hours at 105°C with low impedance characteristics. They are ideal for high density PC board packaging. The Type AVES offers a low in-place-cost for a high quality performer. The vertical cylindrical cases facilitate automatic mounting and reflow soldering into the same footprint of like-rated tantalum capacitors except without the need for voltage derating. Type AVES is RoHS compliant.

RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	CDE Part No.	Value (μF)	Voltage	Operating Temperature	Capacitance Range	Capacitance Tolerance	Case Size (DxL) (mm)	Price Each			Reel Qty	Price Per Piece
								1	50	100		
598-AVES335M50B12T-F	AVES335M50B12T-F	3.3	50	-55°C to +105°C	0.1μF to 100μF	±20% @ 120Hz	4 x 5.3	.22	.185	.18	2000	.082
598-AVES106M10B12T-F	AVES106M10B12T-F	10	10	-55°C to +105°C	0.1μF to 100μF	±20% @ 120Hz	4 x 5.3	.15	.13	.12	2000	.055
598-AVES106M16B12T-F	AVES106M16B12T-F	10	16	-55°C to +105°C	0.1μF to 100μF	±20% @ 120Hz	4 x 5.3	.18	.154	.149	2000	.068
598-AVES106M35C12T-F	AVES106M35C12T-F	10	35	-55°C to +105°C	0.1μF to 100μF	±20% @ 120Hz	5 x 5.3	.21	.188	.165	1000	.088
598-AVES226M35D16T-F	AVES226M35D16T-F	22	35	-55°C to +105°C	0.1μF to 100μF	±20% @ 120Hz	6.3 x 5.3	.26	.238	.212	1000	.12
598-AVES476M16D16T-F	AVES476M16D16T-F	47	16	-55°C to +105°C	0.1μF to 100μF	±20% @ 120Hz	6.3 x 5.3	.21	.188	.177	1000	.10

AVEZ SERIES 105°C ALUMINUM ELECTROLYTICS - LOW IMPEDANCE

Type AVEZ Capacitors are rated for 1000 hours at 105°C with low impedance characteristics. They are ideal for high density PC board packaging. The Type AVEZ offers a low in-place-cost for a high quality performer. The vertical cylindrical cases facilitate automatic mounting and reflow soldering into the same footprint of like-rated tantalum capacitors except without the need for voltage derating. Type AVEZ is RoHS compliant.

RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	CDE Part No.	Value (μF)	Voltage	Operating Temperature	Capacitance Range	Capacitance Tolerance	Case Size (DxL) (mm)	Price Each			Reel Qty	Price Per Piece
								1	50	100		
598-AVEZ336M50X16T-F	AVEZ336M50X16T-F	33	50	-55°C to +105°C	0.1μF to 220μF	±20% @ 120Hz	6.3 x 7.7	.29	.262	.24	1000	.134
598-AVEZ476M35X16T-F	AVEZ476M35X16T-F	47	35	-55°C to +105°C	0.1μF to 220μF	±20% @ 120Hz	6.3 x 7.7	.25	.218	.201	1000	.112
598-AVEZ107M16D16T-F	AVEZ107M16D16T-F	100	16	-55°C to +105°C	0.1μF to 220μF	±20% @ 120Hz	6.3 x 5.3	.22	.198	.175	1000	.10