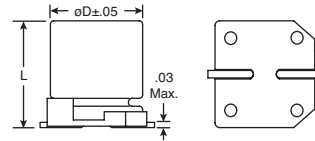
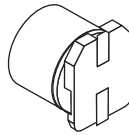


CORNELL DUBILIER Aluminum Electrolytic Capacitors

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.



MOUSER STOCK NO.	CDE Part No.	Value (μF)	Voltage	Operating Temperature	Capacitance Range	Capacitance Tolerance	Case Size (DxL) (mm)	Price Each			Tape & Reel Quantity	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	.07	.06	.054	2000	.031
598-AVE224M50B12T-F	AVE224M50B12T-F	0.22	50	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.07	.06	.054	2000	.031
598-AVE474M50B12T-F	AVE474M50B12T-F	0.47	50	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.07	.06	.054	2000	.031
598-AVE105M50B12T-F	AVE105M50B12T-F	1	50	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.07	.06	.054	2000	.031
598-AVE225M50B12T-F	AVE225M50B12T-F	2.2	50	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.07	.06	.054	2000	.031
598-AVE335M50B12T-F	AVE335M50B12T-F	3.3	50	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.07	.06	.054	2000	.031
598-AVE475M25B12T-F	AVE475M25B12T-F	4.7	25	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.07	.06	.054	2000	.031
598-AVE475M35B12T-F	AVE475M35B12T-F	4.7	35	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.07	.06	.054	2000	.031
598-AVE106M16A12T-F	AVE106M16A12T-F	10	16	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	3 x 5.3	.13	.12	.098	2000	.056
598-AVE106M16B12T-F	AVE106M16B12T-F	10	16	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.07	.06	.054	2000	.031
598-AVE106M25C12T-F	AVE106M25C12T-F	10	25	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	5 x 5.3	.09	.07	.068	1000	.039
598-AVE106M35C12T-F	AVE106M35C12T-F	10	35	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	5 x 5.3	.09	.07	.068	1000	.039
598-AVE226M06B12T-F	AVE226M06B12T-F	22	6.3	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	4 x 5.3	.07	.06	.054	2000	.031
598-AVE226M10C12T-F	AVE226M10C12T-F	22	10	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	5 x 5.3	.10	.09	.078	1000	.046
598-AVE226M16C12T-F	AVE226M16C12T-F	22	16	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	5 x 5.3	.09	.07	.068	1000	.039
598-AVE226M25D16T-F	AVE226M25D16T-F	22	25	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	6.3 x 5.3	.10	.09	.078	1000	.046
598-AVE226M35D16T-F	AVE226M35D16T-F	22	35	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	6.3 x 5.3	.10	.09	.078	1000	.046
598-AVE336M16D16T-F	AVE336M16D16T-F	33	16	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	6.3 x 5.3	.11	.10	.084	1000	.049
598-AVE476M16D16T-F	AVE476M16D16T-F	47	16	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	6.3 x 5.3	.10	.09	.078	1000	.046
598-AVE476M25E16T-F	AVE476M25E16T-F	47	25	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	8 x 6.5	.20	.18	.148	1000	.086
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	.09	.078	1000	.046
598-AVE107M16E16T-F	AVE107M16E16T-F	100	16	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	8 x 6.5	.20	.18	.148	1000	.086
598-AVE107M25E16T-F	AVE107M25E16T-F	100	25	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	8 x 6.5	.20	.18	.148	1000	.086
598-AVE107M25X16T-F	AVE107M25X16T-F	100	25	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	6.3 x 7.7	.12	.11	.088	1000	.05
598-AVE107M35F24T-F	AVE107M35F24T-F	100	35	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	8 x 10	.26	.22	.191	500	.14
598-AVE227M10E16T-F	AVE227M10E16T-F	220	10	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	8 x 6.5	.20	.18	.148	1000	.086
598-AVE227M25F24T-F	AVE227M25F24T-F	220	25	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	8 x 10	.26	.22	.191	500	.14
598-AVE337M10F24T-F	AVE337M10F24T-F	330	10	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	8 x 10	.26	.22	.191	500	.14
598-AVE337M16F24T-F	AVE337M16F24T-F	330	16	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	8 x 10	.26	.22	.191	500	.14
598-AVE337M25G24T-F	AVE337M25G24T-F	330	25	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	10 x 10	.36	.32	.271	500	.198
598-AVE477M10G24T-F	AVE477M10G24T-F	470	10	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	10 x 10	.36	.32	.271	500	.198
598-AVE477M16G24T-F	AVE477M16G24T-F	470	16	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	10 x 10	.36	.32	.271	500	.198
598-AVE108M10G24T-F	AVE108M10G24T-F	1000	10	-40°C to +85°C	0.1μF to 1500μF	±20% @ 120Hz	10 x 10	.36	.32	.271	500	.198

Aluminum Caps, SMD
Cornell Dubilier

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

MOUSER STOCK NO.	CDE Part No.	Value (μF)	Voltage	Operating Temperature	Capacitance Range	Capacitance Tolerance	Case Size (DxL) (mm)	Price Each			Tape & Reel Quantity	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	.31	.25	.228	500	.166
598-AVEK476M35F24T-F	AVEK476M35F24T-F	47	35	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	8 x 10	.29	.26	.214	500	.156
598-AVEK476M50F24T-F	AVEK476M50F24T-F	47	50	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	8 x 10	.32	.27	.233	500	.17
598-AVEK107M10F24T-F	AVEK107M10F24T-F	100	10	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	8 x 10	.27	.23	.204	500	.152
598-AVEK107M16F24T-F	AVEK107M16F24T-F	100	16	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	8 x 10	.29	.25	.216	500	.158
598-AVEK107M25F24T-F	AVEK107M25F24T-F	100	25	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	8 x 10	.29	.26	.214	500	.156
598-AVEK107M35G24T-F	AVEK107M35G24T-F	100	35	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	10 x 10	.41	.35	.307	500	.224
598-AVEK227M10F24T-F	AVEK227M10F24T-F	220	10	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	8 x 10	.28	.24	.211	500	.154
598-AVEK227M16F24T-F	AVEK227M16F24T-F	220	16	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	8 x 10	.25	.25	.216	500	.158
598-AVEK337M10G24T-F	AVEK337M10G24T-F	330	10	-55°C to +105°C	0.1μF to 470μF	±20% @ 120Hz	10 x 10	.41	.35	.307	500	.224

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

MOUSER STOCK NO.	CDE Part No.	Value (μF)	Voltage	Operating Temperature	Capacitance Range	Capacitance Tolerance	Case Size (DxL) (mm)	Price Each			Tape & Reel Quantity	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	.17	.14	.136	2000	.062
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	.17	.14	.136	2000	.062
598-AVES106M35C12T-F	AVES106M35C12T-F	10	35	-55°C to +105°C	0.1μF to 100μF	±20% @ 120Hz	5 x 5.3	.19	.17	.149	1000	.08
598-AVES226M35D16T-F	AVES226M35D16T-F	22	35	-55°C to +105°C	0.1μF to 100μF	±20% @ 120Hz	6.3 x 5.3	.20	.18	.16	1000	.091
598-AVES476M16D16T-F	AVES476M16D16T-F	47	16	-55°C to +105°C	0.1μF to 100μF	±20% @ 120Hz	6.3 x 5.3	.19	.17	.16	1000	.091

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

MOUSER STOCK NO.	CDE Part No.	Value (μF)	Voltage	Operating Temperature	Capacitance Range	Capacitance Tolerance	Case Size (DxL) (mm)	Price Each			Tape & Reel Quantity	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	.23	.20	.184	1000	.103
598-AVEZ476M35X16T-F	AVEZ476M35X16T-F	47	35	-55°C to +105°C	0.1μF to 220μF	±20% @ 120Hz	6.3 x 7.7	.23	.20	.184	1000	.103
598-AVEZ107M16D16T-F	AVEZ107M16D16T-F	100	16	-55°C to +105°C	0.1μF to 220μF	±20% @ 120Hz	6.3 x 5.3	.20	.18	.159	1000	.091