

ALUMINUM ELECTROLYTIC CAPACITORS QUICK GUIDE

SURFACE MOUNT ALUMINUM ELECTROLYTIC CAPACITORS

New Series

Requirement	Series	Lead	Feature, Application of Purpose	Miniature	Standard	Low Z	Long Life	Voltage Range(V)	Capacitance Range(μ F)	Temperature Range($^{\circ}$ C)	Page
Surface mount	General	CS	Chip	5.5 mm Height, 85 $^{\circ}$ C				4.0-50	0.1-220	-40-85	21
		CM	Chip	85 $^{\circ}$ C, Miniature, Up to 10				6.3-50	4.7-1000	-40-85	22
		CU	Chip	5.5 mm Height, 105 $^{\circ}$ C				6.3-50	0.1-100	-40-105	23
		CUH	Chip	105 $^{\circ}$ C, Miniature, Long life, Up to 10				6.3-50	0.1-1000	-40-105	24
	Special	CZ	Chip	105 $^{\circ}$ C, Miniature, Low impedance				6.3-50	1.0-330	-55-105	25
		CNU	Chip	105 $^{\circ}$ C, Miniature, Bi-polar				6.3-50	0.1-47	-40-105	27

MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS

Requirement	Series	Lead	Feature, Application of Purpose	Miniature	Standard	Low Z	Long Life	Voltage Range(V)	Capacitance Range(μ F)	Temperature Range($^{\circ}$ C)	Page
Miniature	General	RM	Radial	85 $^{\circ}$ C, Standard				6.3-450	0.47-22000	-40(-25)-85	28
		RMU	Radial	105 $^{\circ}$ C, Standard				6.3-450	0.47-22000	-40(-25)-105	30
		RMG	Radial	85 $^{\circ}$ C, Miniature(2khrs)				6.3-450	0.47-22000	-40(-25)-85	32
		RMV	Radial	105 $^{\circ}$ C, Miniature(1khrs)				6.3-450	0.47-22000	-40(-25)-105	34
		RSM	Radial	7mm Height, 85 $^{\circ}$ C, Standard				6.3-50	0.1-100	-40-85	36
		RUM	Radial	7mm Height, 105 $^{\circ}$ C, Standard				6.3-50	0.1-100	-40-105	37
		REM	Radial	5mm Height, 85 $^{\circ}$ C, Standard				4.0-50	0.1-100	-40-85	38
		REU	Radial	5mm Height, 105 $^{\circ}$ C, Standard				4.0-50	0.1-100	-40-105	40
	Low L.C	RL	Radial	Low leakage current				6.3-100	0.1-2200	-40-85	41
		RSL	Radial	7mm Height, Low leakage current				6.3-50	0.1-100	-40-85	43
	Low Z	RDF	Radial	Low impedance, SMPS				6.3-50	2.2-10000	-55-105	44
		RF	Radial	Low impedance, Miniature, SMPS				6.3-50	0.47-15000	-55-105	46
		RFS	Radial	Low impedance, Super-miniature, SMPS				6.3-100	0.47-15000	-55-105	48
		RFH	Radial	Low impedance, Long life (5khrs)				6.3-50	10-15000	-55-105	50
		RFL	Radial	Low impedance, Long life(8khrs)				6.3-50	22-15000	-55-105	52
		RFX	Radial	Very low impedance(4khrs)				6.3-100	22-6800	-40-105	54
		RFY	Radial	Extreme low ESR(2khrs)				6.3-16	470-3300	-40-105	56
		RMH	Radial	85 $^{\circ}$ C, Low impedance, Miniature				350-400	4.7-100	-25-85	58
		RMX	Radial	105 $^{\circ}$ C, For ballast applications, Miniature				160-450	6.8-330	-40(-25)-105	60
RMY	Radial	105 $^{\circ}$ C, For ballast applications, Long life (5khrs)				160-400	10-330	-40(-25)-105	62		

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Miniature	Special	RT	Radial	High stability, Low loss, TV vertical, Circuit				16~50	0.47~470	-55~105	64
		RLT	Radial	High performance, Timing circuit				10~50	1~2200	-40~85	66
		RUH	Radial	105°C, High performance(3khrs)				6.3~250	4.7~10000	-40~105	68
		RUL	Radial	105°C, High performance(5khrs)				10~250	1~2200	-40~105	70
		RTL	Radial	125°C, High reliability				10~250	0.47~1000	-40~125	72
		RHL	Radial	125°C, Long life(5khrs)				10~63	0.47~1000	-40~125	74
		RHT	Radial	130°C, High temperature				10~50	33~2200	-40~130	76
	Bi-polar	RBD	Radial	Bi-polar, General				6.3~250	0.47~6800	-40~85	78
		RBV	Radial	Wide temperature range, Bi-polar, General				6.3~100	0.47~1000	-40~105	80
		RNP	Radial	Speaker network, Bi-polar				25~50	1~100	-40~85	82
		RMB	Radial	7mm Height , Bi-polar				6.3~50	0.1~47	-40~85	83
		RHD	Radial	Horizontal deflection circuit				25~50	1~10	-40~85	85

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PCB Terminal Type	High-power	FHS	Snap-in	85°C, Standard, Power supply				16~450	47~47000	-40(-25)~85	86
		FUH	Snap-in	105°C, Standard, Switching power supply				10~450	47~47000	-40(-25)~105	90
		FHX	Snap-in	85°C, Subminiature, Power supply				160~450	56~2700	-40(-25)~85	94
		FHT	Snap-in	85°C, Long life, High CV density(3khrs)				160~450	56~2700	-40(-25)~85	96
		FHY	Snap-in	85°C, Sub-miniature, High CV density				160~450	56~2700	-40(-25)~85	98
		FHD	Snap-in	85°C, Height 20mm				160~400	47~560	-40(-25)~85	100
		FWC	Snap-in	85°C, 2khrs, For welding machine				350~400	82~820	-25~85	102
		FUX	Snap-in	105°C, Compact size, Power supply				160~450	56~2200	-40(-25)~105	104
		FUT	Snap-in	105°C, Long life (3khrs), Compact electronic equip.				160~450	56~2200	-40(-25)~105	106
		FUY	Snap-in	105°C, Micro-miniature, High CV density				160~450	56~2200	-40(-25)~105	108
		FUD	Snap-in	105°C, Height 20mm				160~400	56~470	-40(-25)~105	110
		FUL	Snap-in	105°C, Long life(5khrs)				160~400	39~1200	-40(-25)~105	112
Screw-Bolt Type	Special	PSA	Screw	Computer grade, High CV, Inverter				10~450	270~680000	-40(-25)~85	114
		PUH	Screw	105°C, 2khrs, High Ripple, High reliability				10~400	220~470000	-40(-25)~105	116
		PWC	Screw	85°C, 2khrs, For welding machine				315~400	560~6800	-25~85	118
		PI	Screw	85°C, High ripple, Long Life(5khrs), Inverter				315~400	2700~12000	-25~85	120
		MS	Lug	Motor Starting				110~300	25~500	-25~70	122
		ES	Lug	Energy Storage				150~450	100~1000	-25~70	123
		PF	Lug	Photo Flash				330	60~1500	-10~50	124