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Capacitors Aluminum

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Series	Manufacturer	Voltage Rating	Tolerance	Lifetime @ Temp.	Operating Temperature	Features	Ripple Current	ESR (Equivalent Series Resistance)	Impedance	Pack
AR	Cornell Dubilier Electronics (CDE)	16V	-10% +75%	3000 Hrs @ 105°C	-55°C ~ 105°C	Audio	1.04A	8.0 mOhm	6.5 mOhm	Axial, Can
FC	Nichicon	25V	±20%	3000 Hrs @ 85°C	-55°C ~ 125°C	General Purpose	1.14A	9.0 mOhm	7 mOhm	Radial, Can
FM	Panasonic - ECG	35V		4000 Hrs @ 125°C	-40°C ~ 105°C	Polymer	1.23A	18.0 mOhm	9 mOhm	Radial, Can
FR	United Chemi-Con	50V		5000 Hrs @ 105°C	-40°C ~ 135°C		1.27A	20.0 mOhm	10 mOhm	Radial, Can
GG	Vishay BC Components	63V		5000 Hrs @ 125°C	-40°C ~ 85°C		1.3A	29.0 mOhm	11 mOhm	
GN		80V		6000 Hrs @ 105°C	-25°C ~ 105°C		1.32A	30.0 mOhm	12 mOhm	
GU		100V		6000 Hrs @ 125°C	-25°C ~ 85°C		1.33A	35.0 mOhm	13 mOhm	
GW		160V		7000 Hrs @ 105°C			1.34A	71.0 mOhm	14 mOhm	
GY		180V		8000 Hrs @ 105°C			1.37A	74.0 mOhm	15 mOhm	
HD		200V		10000 Hrs @ 105°C						

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Series	Manufacturer	Voltage Rating	Lifetime @ Temp.	Operating Temperature	Ripple Current	ESR (Equivalent Series Resistance)	Impedance	Package / Case	Size / Dimension	Height
FC	Cornell Dubilier Electronics (CDE)	63V	1000 Hrs @ 105°C	-55°C ~ 105°C	1.34A	74.0 mOhm	17 mOhm	Radial, Can	0.709" Dia (18.00mm)	0.9
GG	Nichicon	80V	1000 Hrs @ 85°C	-40°C ~ 105°C	1.37A	110.0 mOhm	25 mOhm	Radial, Can - Snap-In	0.866" Dia (22.00mm)	1.0
GN	Panasonic - ECG	100V	2000 Hrs @ 105°C	-40°C ~ 85°C	1.51A	111.0 mOhm			0.984" Dia (25.00mm)	1.1
GU	United Chemi-Con	160V	2000 Hrs @ 85°C	-25°C ~ 105°C	1.52A	120.0 mOhm			1.000" Dia (25.40mm)	1.2
GY			3000 Hrs @ 105°C	-25°C ~ 85°C	1.58A	129.0 mOhm			1.181" Dia (30.00mm)	1.3
KMH			3000 Hrs @ 85°C		1.6A	130.0 mOhm			1.378" Dia (35.00mm)	1.4
KMQ			5000 Hrs @ 105°C		1.7A	138.0 mOhm				1.5
KZE			7000 Hrs @ 105°C		1.71A	140.0 mOhm				1.6
LP			8000 Hrs @ 105°C		1.79A	147.0 mOhm				1.7
LPX										1.8

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Image	Digi-Key Part Number	Manufacturer Part Number	Description	Series	Manufacturer	Capacitance	Voltage Rating	Tolerance	Lifetime @ Temp.	Operating Temperature	Features	Ripple Current	ESR (Equivalent Series Resistance)	Impedance	Mounting Type	Package / Case	Size / Dimension
	P7503-ND	ECO-S1KA182BA	CAP ALUM 1800UF 80V 20% SNAP	TS-HA	Panasonic - ECG	1800µF	80V	±20%	3000 Hrs @ 105°C	-40°C ~ 105°C	General Purpose	1.8A	111.0 mOhm	-	Through Hole	Radial, Can - Snap-In	0.866" Dia (22.00mm)
	P7504-ND	ECO-S1KA182DA	CAP ALUM 1800UF 80V	TS-HA	Panasonic - ECG	1800µF	80V	±20%	3000 Hrs @ 105°C	-40°C ~ 105°C	General Purpose	1.8A	111.0 mOhm	-	Through Hole	Radial, Can - Snap-In	1.181" Dia (30.00mm)

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Series	Manufacturer	Voltage Rating	Tolerance	Lifetime @ Temp.	Operating Temperature	Features	Ripple Current	ESR (Equivalent Series Resistance)	Impedance	Pack
AR	Cornell Dubilier Electronics (CDE)	50V	-10%, +75%	1000 Hrs @ 105°C	-55°C ~ 105°C	Audio	-	-	-	Axial, Can
FC	Nichicon	63V	±20%	1000 Hrs @ 85°C	-55°C ~ 125°C	General Purpose	1.04A	8.0 mOhm	6.5 mOhm	Radial, Can
FM	Panasonic - ECG	80V		2000 Hrs @ 105°C	-40°C ~ 105°C	Polymer	1.14A	9.0 mOhm	7 mOhm	Radial, Can - S
FR	United Chemi-Con	100V		2000 Hrs @ 135°C	-40°C ~ 135°C		1.23A	18.0 mOhm	9 mOhm	Radial, Can - S
GG	Vishay BC Components	160V		2000 Hrs @ 85°C	-40°C ~ 85°C		1.27A	20.0 mOhm	10 mOhm	Radial, Can - S
GN		180V		3000 Hrs @ 105°C	-25°C ~ 105°C		1.3A	29.0 mOhm	11 mOhm	
GU		200V		3000 Hrs @ 85°C	-25°C ~ 85°C		1.32A	30.0 mOhm	12 mOhm	
GW		220V		4000 Hrs @ 125°C			1.33A	35.0 mOhm	13 mOhm	
GY		250V		5000 Hrs @ 105°C			1.34A	71.0 mOhm	14 mOhm	
HD		350V		5000 Hrs @ 125°C			1.37A	74.0 mOhm	15 mOhm	

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FC	Cornell Dubilier Electronics (CDE)	50V	2000 Hrs @ 105°C	-55°C ~ 105°C	1.3A	-	Radial, Can	0.630" Dia (16.00mm)	0
GG	Nichicon	100V	2000 Hrs @ 85°C	-55°C ~ 125°C	1.33A	74.0 mOhm	Radial, Can - Snap-In	0.709" Dia (18.00mm)	1
GN	Panasonic - ECG	180V	3000 Hrs @ 105°C	-40°C ~ 105°C	1.34A	110.0 mOhm		0.787" Dia (20.00mm)	1
GU	United Chemi-Con		3000 Hrs @ 85°C	-40°C ~ 85°C	1.5A	111.0 mOhm		0.866" Dia (22.00mm)	1
GY	Vishay BC Components		5000 Hrs @ 105°C	-25°C ~ 105°C	2A	120.0 mOhm		0.984" Dia (25.00mm)	1
HE			6000 Hrs @ 125°C		2.2A	129.0 mOhm		1.000" Dia (25.40mm)	1
KMH			7000 Hrs @ 105°C		2.21A	130.0 mOhm		1.181" Dia (30.00mm)	1
KY			8000 Hrs @ 105°C		2.23A	138.0 mOhm		1.378" Dia (35.00mm)	1
LS			10000 Hrs @ 105°C		2.27A	140.0 mOhm			1
LXZ					2.28A	147.0 mOhm			1

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Image	Digi-Key Part Number	Manufacturer Part Number	Description	Series	Manufacturer	Capacitance	Voltage Rating	Tolerance	Lifetime @ Temp.	Operating Temperature	Features	Ripple Current	ESR (Equivalent Series Resistance)	Impedance	Mounting Type	Packaging
	P11267-ND	EEU-FC1H182	CAP ALUM 1800UF 50V 20% RADIAL	FC	Panasonic - ECG	1800µF	50V	±20%	5000 Hrs @ 105°C	-55°C ~ 105°C	General Purpose	3A	-	25 mOhm	Through Hole	Radial, Can
	P6993-ND	ECO-S2AP182BA	CAP ALUM 1800UF 100V 20% SNAP	TS-UP	Panasonic - ECG	1800µF	100V	±20%	3000 Hrs @ 85°C	-40°C ~ 85°C	General Purpose	2.84A	129.0 mOhm	-	Through Hole	Radial, Can - Snap-In