

Conductive Polymer Aluminum Solid Electrolytic Capacitors

Classification	Series	Configuration	Applications	Category Temperature Range (°C)	Features							Rated Voltage Range (V.D.C)	Rated Capacitance Range (µF)	Tolerance on Rated Capacitance (%)	Page
					Standard type	Low ESR	High Capacitance	Long Life	Anti-cleaning solvent	High Voltage	High Reliability				
Chip type	CF	32	Standard	-55 to +105	●				●			2.5 to 25	3.3 to 1500	±20	31
	CJ	32	Low ESR, Higher Capacitance	-55 to +105		●	●		●			2.5 to 16	33 to 2700	±20	34
	CK	32	Ultra-low ESR	-55 to +105		●			●			2.5 to 6.3	220 to 2200	±20	36
	CG	32	Higher Capacitance	-55 to +105			●		●			2.5 to 16	47 to 4700	±20	38
	CS	32	Long Life Assurance	-55 to +105				●	●		●	4 to 16	22 to 560	±20	40
	CV	32	High Voltage / Long Life Assurance	-55 to +105				●	●	●		16 to 125	5.6 to 680	±20	42
	<i>Upgrade</i> CX	32	High Voltage / High Reliability	-55 to +125				●	●	●	●	16 to 50	5.6 to 390	±20	45
	<i>NEW</i> CR	32	Higher Capacitance / Long Life Assurance	-55 to +125			●	●	●	●	●	6.3 to 100	5.6 to 2700	±20	47
Radial Lead type	LF	04	Standard	-55 to +105	●				●			2.5 to 25	6.8 to 1500	±20	50
	LE	04	Ultra-low ESR	-55 to +105		●			●			2.5 to 6.3	470 to 1500	±20	52
	LG	04	Higher Capacitance	-55 to +105			●		●			2.5 to 16	330 to 3900	±20	54
	LS	04	Long Life Assurance	-55 to +105				●	●		●	2.5 to 16	100 to 1500	±20	56
	LV	04	High Voltage / Long Life Assurance	-55 to +105				●	●	●		16 to 100	6.8 to 470	±20	58
	LX	04	High Voltage / High Reliability	-55 to +125				●	●	●	●	16 to 50	22 to 390	±20	60

Above description is a feature against AK-225AES.

FPCAP Product List

Classification	Series	Note	Rated Voltage Range (V.D.C)	Capacitance Range (µF)	Endurance	Page
SMD Type	<i>Upgrade</i> VA / VB / VC	Molded Chip (7.3×4.3×2.8)	2.0 to 25	15 to 330	105°C 1000Hrs	62
	<i>Upgrade</i> UA / UB	Molded Chip, Low Profile (7.3×4.3×1.9)	2.0 to 25	15 to 330	105°C 1000Hrs	64
	PS / PA	Standard (φ6.3, φ8, φ10)	2.5 to 63	8.2 to 1500	105°C 2000Hrs	66
	HS / HA	High Capacitance (φ8)	2.5 to 35	100 to 1500	105°C 2000Hrs	68
	SS / SA / SB	High Capacitance (φ6.3)	2.5 to 35	10 to 560	105°C 2000Hrs	70
	FS / FA	High Capacitance (φ4, φ5)	2.5 to 25	10 to 330	105°C 2000Hrs	72
	SL	Low Profile (φ6.3)	2.5 to 25	15 to 330	105°C 2000Hrs	74
Radial Lead Type	NS	Standard	4.0 to 25	10 to 1200	105°C 2000Hrs	76
	R7	Low ESR	2.5 to 16	68 to 1500	105°C 2000Hrs	78
	R5	Ultra-Low ESR	2.5 to 6.3	390 to 1500	105°C 2000Hrs	80
	L8	Low ESR and Low Profile (φ8)	2.5 to 35	100 to 1500	105°C 2000 / 5000Hrs	82
	E5	Ultra-Low ESR and Low Profile (φ8)	2.5 to 4.0	560 to 820	105°C 2000Hrs	84
	S8	Low ESR / ESL and Low Profile (φ6.3)	2.5 to 16	100 to 1200	105°C 2000 / 5000Hrs	86
	F8	Low ESR / ESL and Low Profile (φ5)	2.5 to 6.3	100 to 560	105°C 2000Hrs	88
	NU	High Capacitance	2.5 to 63	10 to 2700	105°C 2000 / 5000Hrs	90
	NE	High Capacitance	2.5 to 16	100 to 1200	105°C 2000Hrs	92
	S6	Miniature Sized High Capacitance	2.5 to 25	33 to 560	105°C 2000Hrs	94
	HT	High Temperature (125°C)	6.3 to 20	150 to 820	125°C 1000Hrs	96