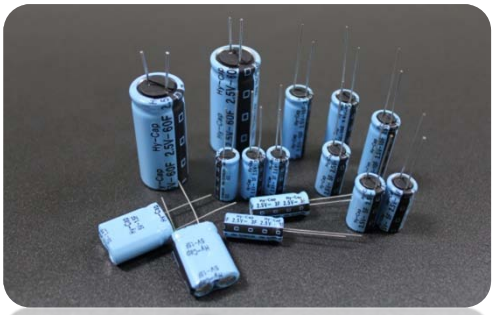
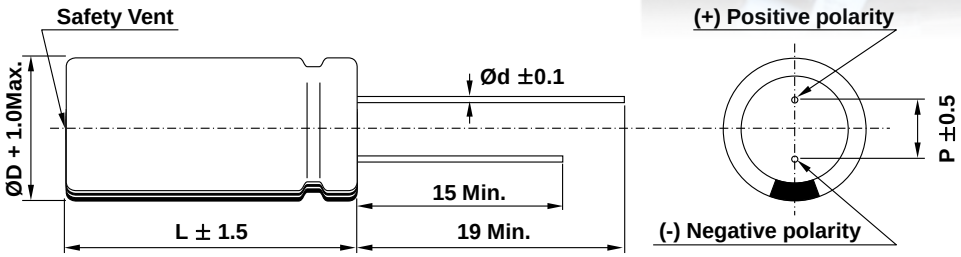
2.5V SERIES - Lead terminal

FEATURES

EDLC (Electric Double Layer Capacitor)
- High Power Density (Low ESR)
- Over 500,000 cycle life (semi-permanent)
- Short-term Peak Power assist applications
- RoHS compliant



Drawing



D	8	10, 13	16, 18
d	0.6		0.8
P	3.5	5.0	7.5

SPECIFICATION

ITEM		CHARACTERISTICS
Product series		EDLC
Rated Voltage (V_R)		2.5V
Operating Temperature		-25 ~ +70℃
Capacitance Tolerance		-10 ~ +30%
High Temperature Load Life		After 1,000 hours at V_R loaded under +70℃, capacitors meet the following criteria.
	Capacitance Change	≤ 30% of initial value
	ESR	≤ 2 times of specified value
Cycle Life Characteristics	Cycle	Over 500,000
	△C	≤ 30% of initial value
	ESR	≤ 2 times of specified value
	Method	Cycle of Charge/discharge from V_R to 1/2V_R
Shelf Life		2 Years No Electrical Charge, Temperature below 70℃ (△C : ≤ 10% of initial value / △ESR : ≤ 50% of initial value)

2.5V SERIES - Lead terminal

Part Number	Rated Voltage (V)	Capacitance (F)	ESR (mΩ)		Max. Current (A)	Leakage Current (㎃, 72hr)	Size (㎜)
			AC(1㎑)	DC			D × L
VEC 2R5 105 QG	2.5	1	400	600	0.5	0.002	08 × 13
VEC 2R5 155 QG		1.5	250	375	1.0	0.003	08 × 20
VEC 2R5 335 QG		3.3	220	375	1.5	0.007	08 × 20
VEC 2R5 505 QA		5	120	210	3.0	0.013	08 × 25
VEC 2R5 505 QG		5	150	195	3.0	0.010	10 × 20
VEC 2R5 705 QG		7	175	275	3.0	0.014	10 × 20
VEC 2R5 106 QA		10	120	205	4.0	0.020	10 × 25
VEC 2R5 106 QG		10	85	100	6.0	0.020	10 × 30
VEC 2R5 156 QG		15	70	100	7.5	0.030	13 × 25
VEC 2R5 256 QG		25	40	55	13.0	0.050	16 × 25
VEC 2R5 506 QG		50	25	40	20.5	0.100	18 × 40
VEC 2R5 606 QG		60	25	40	22.0	0.120	18 × 40

*** Max. Current ：** 1 sec. discharge to $1/2V_R$

*** When do module more than 2 series, please fully discharge over 1 hour first, then assemble right after within 1 hour.**

2.5V SERIES – Snap-in terminal

FEATURES

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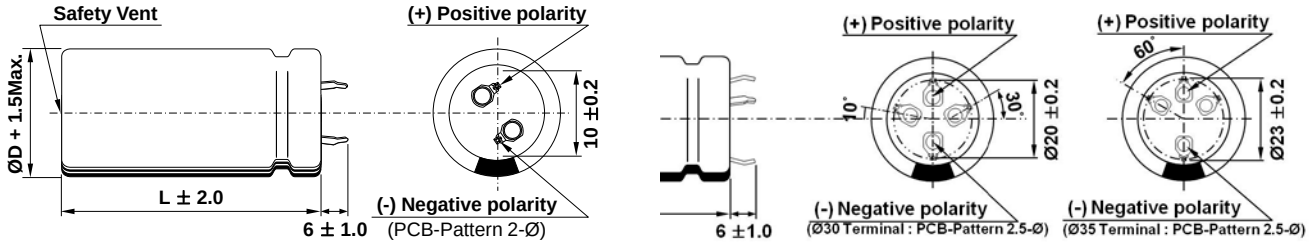
Drawing



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2.5V SERIES – Snap-in terminal

Part Number	Rated Voltage (V)	Capacitance (F)	ESR (mΩ)		Max. Current (A)	Leakage Current (㎃, 72hr)	Size (㎜)
			AC(1㎑)	DC			D × L
VEC 2R5 127 QG	2.5	120	18	30	32.0	0.250	22 × 45
VEC 2R5 227 QG		220	14	22	47.0	0.550	25 × 60
VEC 2R5 367 QG		360	6	10	97.0	0.900	35 × 60
VEC 2R5 407 QG		400	6	10	100.0	1.000	35 × 72
VEC 2R5 507 QG		500	5	9	110.0	1.250	35 × 82

*** Max. Current :** 1 sec. discharge to 1/2V_R

*** When do module more than 2 series, please fully discharge over 1 hour first, then assemble right after within 1 hour.**