



Snap-in capacitors

B41252, B43252

Standard series – 105 °C

General-purpose grade capacitors

Applications

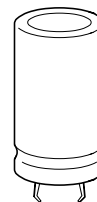
Switch-mode power supplies in industrial and entertainment electronics

Features

- High ripple current capability
- RoHS-compatible
- Load life of 2000 h at 105 °C

Construction

- Aluminum case, fully insulated
- Snap-in solder pins to hold component in place on PC-board
- Minus pole marking on the insulating sleeve
- Case with safety vent





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Standard series – 105 °C

Specifications and characteristics in brief

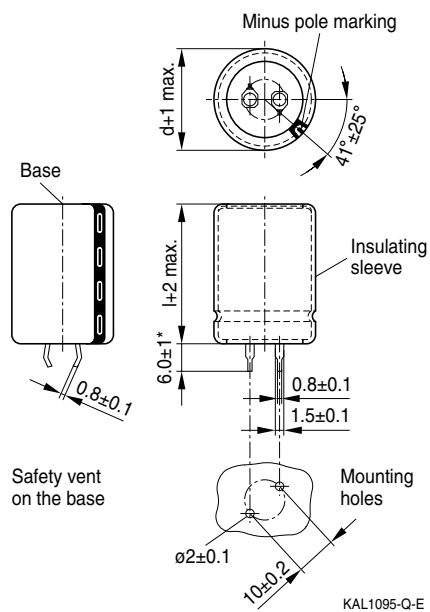
Rated voltage V _R	10 ... 500 V DC											
Operating temperature range	V _R ≤ 250 V DC: −40 °C ... +105 °C; V _R ≥ 315 V DC: −25 °C ... +105 °C											
Rated capacitance C _R (20 °C, 120 Hz)	47 ... 56000 μF											
Capacitance tolerance	±20% ≐ M											
Load life (105 °C, V _R , I _{AC,R})	2000 h	Requirements: ΔC/C ≤ ±20% of initial value tan δ ≤ 2 times initial specified limit I _{leak} ≤ initial specified limit										
Leakage current I _{leak} (20 °C, after 5 minutes)	I _{leak} ≤ 0.02 μA · $\left(\frac{C_R}{\mu F} \cdot \frac{V_R}{V}\right)$											
Dissipation factor (max.) (20 °C, 120 Hz)	V _R (V DC)	10	16	25	35	50	63... 80	100	160... 200	250... 400	400 ... 500	
	tan δ	0.45	0.35	0.30	0.20	0.20	0.15	0.15	0.12	0.15	0.20	
Low temperature stability (impedance ratio) (120 Hz)	V _R (V DC)	10 ... 16		25	35	50 ... 63		80 ... 100		160 ... 200	250 ... 400	450 ... 500
	$\frac{Z(-25\text{ °C})}{Z(+20\text{ °C})}$	4		3	3	2		2		3	4	8
	$\frac{Z(-40\text{ °C})}{Z(+20\text{ °C})}$	15		10	8	6		5		6	—	—
Shelf life	After storage for 1000 h at 105 °C, the capacitors shall meet the requirements of load life above.											
Frequency multiplier for rated ripple current	Frequency			50 Hz		120 Hz		1 kHz		10 kHz		20 kHz
	Multiplier	≤50 V	0.95		1.00		1.10		1.15		1.15	
		63 ... 100 V	0.95		1.00		1.16		1.30		1.33	
		>160 V	0.90		1.00		1.20		1.50		1.55	
Temperature multiplier for rated ripple current	Temperature			+40 °C		+55 °C		+70 °C		+85 °C		+105 °C
	Multiplier			2.7		2.5		2.1		1.7		1.0



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Dimensional drawing



* = Shorter terminal (4.0 ± 0.5) is also available upon request.



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Overview of available types B41252

V _R (V DC)	10	16	25	35
Case dimensions d × l (mm)				
C _R (μF)				
3300				22 × 25
3900				22 × 30
4700			22 × 25	22 × 35 25.4 × 25
5600			22 × 30	22 × 35 25.4 × 30 30 × 25
6800			22 × 30	22 × 40 25.4 × 35 30 × 30
8200		22 × 25	22 × 35 25.4 × 30	22 × 50 25.4 × 40 30 × 30
10000	22 × 25	22 × 30 25.4 × 25	22 × 40 25.4 × 35	25.4 × 45 30 × 35
12000	22 × 30	22 × 35 25.4 × 30 30 × 25	22 × 45 25.4 × 40 30 × 30	25.4 × 50 30 × 40 35 × 30
15000	22 × 35 25.4 × 25	22 × 40 25.4 × 35 30 × 30	25.4 × 45 30 × 35 35 × 30	30 × 45 35 × 35
18000	22 × 35 25.4 × 30	22 × 45 25.4 × 40 30 × 30	25.4 × 50 30 × 40 35 × 35	35 × 40
22000	22 × 40 25.4 × 35 30 × 25	25.4 × 45 30 × 35	30 × 45 35 × 35	35 × 45
27000	22 × 50 25.4 × 40 30 × 30	25.4 × 50 30 × 40 35 × 30	35 × 45	
33000	25.4 × 45 30 × 35	30 × 45 35 × 35		
39000	25.4 × 50 30 × 40 35 × 30	30 × 50 35 × 40		
47000	30 × 45 35 × 35	35 × 45		
56000	35 × 45			

Please read *Important notes* on page 2
and from *Cautions and warnings* page 5.



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Overview of available types B41252

V _R (V DC)	50	63	80	100
Case dimensions d × l (mm)				
C _R (μF)				
820			22 × 25	22 × 30 25.4 × 25
1000			22 × 30 25.4 × 25	22 × 35 25.4 × 30
1200		22 × 25	22 × 30 25.4 × 25	22 × 40 25.4 × 35 30 × 25
1500		22 × 30 25.4 × 25	22 × 35 25.4 × 30	22 × 45 25.4 × 40 30 × 30
1800		22 × 30 25.4 × 25	22 × 40 25.4 × 35 30 × 25	25.4 × 45 30 × 35
2200		22 × 35 25.4 × 30	22 × 45 25.4 × 35 30 × 30	25.4 × 50 30 × 40 35 × 30
2700	22 × 30	22 × 40 25.4 × 30 30 × 25	25.4 × 45 30 × 35	30 × 45 35 × 35
3300	22 × 35	22 × 50 25.4 × 40 30 × 30	25.4 × 50 30 × 40 35 × 30	30 × 50 35 × 40
3900	22 × 40 25.4 × 35 30 × 25	25.4 × 45 30 × 35	30 × 45 35 × 35	35 × 45
4700	22 × 45 25.4 × 40 30 × 30	25.4 × 50 30 × 40 35 × 30	30 × 50 35 × 40	35 × 50
5600	22 × 50 25.4 × 40 30 × 35	30 × 45 35 × 35	35 × 45	
6800	25.4 × 50 30 × 40 35 × 30	30 × 50 35 × 40	35 × 50	
8200	30 × 45 35 × 35	35 × 45		
10000	30 × 50 35 × 40	35 × 50		
12000	35 × 45			
15000	35 × 50			

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Overview of available types B43252

V _R (V DC)	160	200	250	315
	Case dimensions d × l (mm)			
C _R (μF)				
82				22 × 20
100				22 × 25 25.4 × 20
120				22 × 30 25.4 × 25 30 × 20
150		22 × 20	22 × 25 25.4 × 20	22 × 35 25.4 × 30 30 × 20
180	22 × 20	22 × 20	22 × 25 25.4 × 20 30 × 20	22 × 40 25.4 × 35 30 × 25 35 × 20
220	22 × 20	22 × 25 25.4 × 20	22 × 30 25.4 × 25 30 × 20	22 × 45 25.4 × 35 30 × 30 35 × 20
270	22 × 25 25.4 × 20	22 × 30 25.4 × 25 30 × 20	22 × 35 25.4 × 30 30 × 25 35 × 20	25.4 × 45 30 × 35 35 × 25
330	22 × 25 25.4 × 25 30 × 20	22 × 30 25.4 × 25 30 × 20	22 × 40 25.4 × 30 30 × 25 35 × 20	25.4 × 50 30 × 40 35 × 30
390	22 × 30 25.4 × 25 30 × 20	22 × 35 25.4 × 30 30 × 25 35 × 20	22 × 45 25.4 × 40 30 × 30 35 × 25	30 × 45 35 × 35
470	22 × 35 25.4 × 25 30 × 25 35 × 20	22 × 40 25.4 × 35 30 × 25 35 × 25	22 × 50 25.4 × 40 30 × 30 35 × 25	30 × 50 35 × 40
560	22 × 40 25.4 × 30 30 × 25 35 × 25	22 × 45 25.4 × 40 30 × 30 35 × 25	25.4 × 50 30 × 35 35 × 30	35 × 40
680	22 × 45 25.4 × 35 30 × 25 35 × 25	22 × 50 25.4 × 45 30 × 30 35 × 25	30 × 45 35 × 35	35 × 50

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Standard series – 105 °C

Overview of available types B43252

V _R (V DC)	160	200	250	315
	Case dimensions d × l (mm)			
C _R (μF)				
820	22 × 50 25.4 × 40 30 × 30 35 × 25	25.4 × 50 30 × 35 35 × 30	35 × 40	
1000	25.4 × 45 30 × 35 35 × 30	30 × 45 35 × 35	35 × 45	
1200	25.4 × 50 30 × 40 35 × 30	30 × 50 35 × 35	35 × 50	
1500	35 × 40	35 × 45		

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Overview of available types B43252

V _R (V DC)	350	400	450	500
Case dimensions d × l (mm)				
C _R (μF)				
47			22 × 20	22 × 25 25.4 × 20
56		22 × 20	22 × 25 25.4 × 20	22 × 30 25.4 × 30 30 × 20
68	22 × 20	22 × 25 25.4 × 20	22 × 30 25.4 × 25 30 × 20	22 × 40 25.4 × 35 30 × 25 35 × 20
82	22 × 25 25.4 × 20	22 × 30 25.4 × 25 30 × 20	22 × 35 25.4 × 30 30 × 20	22 × 45 25.4 × 40 30 × 30 35 × 25
100	22 × 25 25.4 × 25 30 × 20	22 × 35 25.4 × 30 30 × 20	22 × 40 25.4 × 30 30 × 25 35 × 20	22 × 50 25.4 × 45 30 × 35 35 × 30
120	22 × 30 25.4 × 25 30 × 20	22 × 40 25.4 × 30 30 × 25 35 × 20	22 × 45 25.4 × 35 30 × 30 35 × 25	25.4 × 50 30 × 40 35 × 30
150	22 × 40 25.4 × 30 30 × 25 35 × 20	22 × 45 25.4 × 35 30 × 30 35 × 20	22 × 50 25.4 × 40 30 × 30 35 × 25	30 × 45 35 × 35
180	22 × 45 25.4 × 35 30 × 30 35 × 20	22 × 50 25.4 × 40 30 × 30 35 × 25	25.4 × 45 30 × 35 35 × 30	30 × 50 35 × 40
220	22 × 50 25.4 × 40 30 × 30 35 × 25	25.4 × 45 30 × 35 35 × 30	25.4 × 50 30 × 40 35 × 30	35 × 45
270	25.4 × 45 30 × 35 35 × 30	25.4 × 50 30 × 40 35 × 30	30 × 45 35 × 35	35 × 50
330	30 × 40 35 × 35	30 × 45 35 × 35	30 × 50 35 × 40	
390	30 × 45 35 × 40	30 × 50 35 × 40	35 × 45	
470	35 × 45	35 × 45	35 × 50	
560	35 × 50	35 × 50		

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Technical data and ordering codes B41252

V _R V DC	C _R 120 Hz 20 °C μF	Case dimensions d × l mm	I _{AC,R} 120 Hz 105 °C mA	Ordering code
10	10000	22 × 25	2.17	B41252A3109M000
	12000	22 × 30	2.48	B41252A3129M000
	15000	22 × 35	2.83	B41252A3159M000
	15000	25.4 × 25	2.75	B41252B3159M000
	18000	22 × 35	3.00	B41252A3189M000
	18000	25.4 × 30	3.11	B41252B3189M000
	22000	22 × 40	3.35	B41252A3229M000
	22000	25.4 × 35	3.48	B41252B3229M000
	22000	30 × 25	3.38	B41252C3229M000
	27000	22 × 50	3.88	B41252A3279M000
	27000	25.4 × 40	3.87	B41252B3279M000
	27000	30 × 30	3.79	B41252C3279M000
	33000	25.4 × 45	4.26	B41252A3339M000
	33000	30 × 35	4.20	B41252B3339M000
	39000	25.4 × 50	4.60	B41252A3399M000
	39000	30 × 40	4.57	B41252B3399M000
	39000	35 × 30	4.46	B41252C3399M000
	47000	30 × 45	4.95	B41252A3479M000
	47000	35 × 35	4.87	B41252B3479M000
	56000	35 × 45	5.49	B41252A3569M000
16	8200	22 × 25	2.14	B41252A4828M000
	10000	22 × 30	2.48	B41252A4109M000
	10000	25.4 × 25	2.56	B41252B4109M000
	12000	22 × 35	2.80	B41252A4129M000
	12000	25.4 × 30	2.90	B41252B4129M000
	12000	30 × 25	2.97	B41252C4129M000
	15000	22 × 40	3.17	B41252A4159M000
	15000	25.4 × 35	3.29	B41252B4159M000
	15000	30 × 30	3.38	B41252C4159M000
	18000	22 × 45	3.50	B41252A4189M000
	18000	25.4 × 40	3.65	B41252B4189M000
	18000	30 × 30	3.57	B41252C4189M000
	22000	25.4 × 45	4.03	B41252A4229M000
	22000	30 × 35	3.98	B41252B4229M000
	27000	25.4 × 50	4.42	B41252A4279M000
	27000	30 × 40	4.39	B41252B4279M000
	27000	35 × 30	4.29	B41252C4279M000
	33000	30 × 45	4.79	B41252A4339M000
	33000	35 × 35	4.71	B41252B4339M000
	39000	30 × 50	5.16	B41252A4399M000
	39000	35 × 40	5.10	B41252B4399M000
	47000	35 × 45	5.50	B41252A4479M000

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Technical data and ordering codes B41252

V _R V DC	C _R 120 Hz 20 °C μF	Case dimensions d × l mm	I _{AC,R} 120 Hz 105 °C mA	Ordering code
25	4700	22 × 25	1.73	B41252A5478M000
	5600	22 × 30	1.98	B41252A5568M000
	6800	22 × 30	2.14	B41252A5688M000
	8200	22 × 35	2.42	B41252A5828M000
	8200	25.4 × 30	2.50	B41252B5828M000
	10000	22 × 40	2.77	B41252A5109M000
	10000	25.4 × 35	2.88	B41252B5109M000
	12000	22 × 45	3.09	B41252A5129M000
	12000	25.4 × 40	3.22	B41252B5129M000
	12000	30 × 30	3.15	B41252C5129M000
	15000	25.4 × 45	3.62	B41252A5159M000
	15000	30 × 35	3.57	B41252B5159M000
	15000	35 × 30	3.65	B41252C5159M000
	18000	25.4 × 50	3.98	B41252A5189M000
	18000	30 × 40	3.95	B41252B5189M000
	18000	35 × 35	4.06	B41252C5189M000
	22000	30 × 45	4.36	B41252A5229M000
	22000	35 × 35	4.28	B41252B5229M000
	27000	35 × 45	4.92	B41252A5279M000
35	3300	22 × 25	1.26	B41252A7338M000
	3900	22 × 30	1.88	B41252B7398M000
	4700	22 × 35	2.14	B41252A7478M000
	4700	25.4 × 25	2.09	B41252B7478M000
	5600	22 × 35	2.29	B41252A7568M000
	5600	25.4 × 30	2.37	B41252B7568M000
	5600	30 × 25	2.43	B41252C7568M000
	6800	22 × 40	2.61	B41252A7688M000
	6800	25.4 × 35	2.71	B41252B7688M000
	6800	30 × 30	2.79	B41252C7688M000
	8200	22 × 50	3.02	B41252A7828M000
	8200	25.4 × 40	3.02	B41252B7828M000
	8200	30 × 30	2.95	B41252C7828M000
	10000	25.4 × 45	3.43	B41252A7109M000
	10000	30 × 35	3.38	B41252B7109M000
	12000	25.4 × 50	3.78	B41252A7129M000
	12000	30 × 40	3.75	B41252B7129M000
	12000	35 × 30	3.67	B41252C7129M000
	15000	30 × 45	4.19	B41252A7159M000
	15000	35 × 35	4.12	B41252B7159M000
	18000	35 × 40	4.52	B41252A7189M000
	22000	35 × 45	4.95	B41252A7229M000

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Snap-in capacitors

B41252, B43252

Standard series – 105 °C

Technical data and ordering codes B41252

V _R V DC	C _R 120 Hz 20 °C μF	Case dimensions d × l mm	I _{AC,R} 120 Hz 105 °C mA	Ordering code
50	2700	22 × 30	1.94	B41252A6278M000
	3300	22 × 35	2.20	B41252A6338M000
	3900	22 × 40	2.52	B41252A6398M000
	3900	25.4 × 35	2.62	B41252B6398M000
	3900	30 × 25	2.54	B41252C6398M000
	4700	22 × 45	2.81	B41252A6478M000
	4700	25.4 × 40	2.93	B41252B6478M000
	4700	30 × 30	2.87	B41252C6478M000
	5600	22 × 50	3.11	B41252A6568M000
	5600	25.4 × 40	3.11	B41252B6568M000
	5600	30 × 35	3.21	B41252C6568M000
	6800	25.4 × 50	3.64	B41252A6688M000
	6800	30 × 40	3.61	B41252B6688M000
	6800	35 × 30	3.53	B41252C6688M000
	8200	30 × 45	3.94	B41252A6828M000
	8200	35 × 35	3.87	B41252B6828M000
	10000	30 × 50	4.42	B41252A6109M000
	10000	35 × 40	4.37	B41252B6109M000
63	12000	35 × 45	4.78	B41252A6129M000
	15000	35 × 50	5.24	B41252A6159M000
	1200	22 × 25	1.37	B41252A8128M000
	1500	22 × 30	1.50	B41252A8158M000
	1500	25.4 × 25	1.54	B41252B8158M000
	1800	22 × 30	1.64	B41252A8184M000
	1800	25.4 × 25	1.69	B41252B8184M000
	2200	22 × 35	1.86	B41252A8228M000
	2200	25.4 × 30	1.92	B41252B8228M000
	2700	22 × 40	2.17	B41252A8278M000
	2700	25.4 × 30	2.13	B41252B8278M000
	2700	30 × 25	2.18	B41252C8278M000
	3300	22 × 50	2.53	B41252A8338M000
	3300	25.4 × 40	2.53	B41252B8338M000
	3300	30 × 30	2.48	B41252C8338M000
	3900	25.4 × 45	2.88	B41252A8398M000
	3900	30 × 35	2.84	B41252B8398M000
	4700	25.4 × 50	3.20	B41252A8478M000
	4700	30 × 40	3.17	B41252B8478M000
	4700	35 × 30	3.10	B41252C8478M000

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Snap-in capacitors

B41252, B43252

Standard series – 105 °C

Technical data and ordering codes B41252

V _R V DC	C _R 120 Hz 20 °C μF	Case dimensions d × l mm	I _{AC,R} 120 Hz 105 °C mA	Ordering code
63	5600	30 × 45	3.51	B41252A8568M000
	5600	35 × 35	3.46	B41252B8568M000
	6800	30 × 50	3.92	B41252A8688M000
	6800	35 × 40	3.88	B41252B8688M000
	8200	35 × 45	4.22	B41252A8828M000
	10000	35 × 50	4.74	B41252A8109M000
80	820	22 × 25	1.37	B41252A0827M000
	1000	22 × 30	1.62	B41252A0108M000
	1000	25.4 × 25	1.67	B41252B0108M000
	1200	22 × 30	1.67	B41252A0128M000
	1200	25.4 × 25	1.72	B41252B0128M000
	1500	22 × 35	1.98	B41252A0158M000
	1500	25.4 × 30	2.05	B41252B0158M000
	1800	22 × 40	2.28	B41252A0184M000
	1800	25.4 × 35	2.37	B41252B0184M000
	1800	30 × 25	2.30	B41252C0184M000
	2200	22 × 45	2.51	B41252A0228M000
	2200	25.4 × 35	2.49	B41252B0228M000
	2200	30 × 30	2.56	B41252C0228M000
	2700	25.4 × 45	3.03	B41252A0278M000
	2700	30 × 35	2.99	B41252B0278M000
	3300	25.4 × 50	3.33	B41252A0338M000
	3300	30 × 40	3.30	B41252B0338M000
	3300	35 × 30	3.23	B41252C0338M000
	3900	30 × 45	3.75	B41252A0398M000
	3900	35 × 35	3.69	B41252B0398M000
	4700	30 × 50	4.10	B41252A0478M000
	4700	35 × 40	4.06	B41252B0478M000
	5600	35 × 45	4.44	B41252A0568M000
	6800	35 × 50	4.90	B41252A0688M000
100	820	22 × 30	1.46	B41252A9827M000
	820	25.4 × 25	1.51	B41252B9827M000
	1000	22 × 35	1.71	B41252A9108M000
	1000	25.4 × 30	1.77	B41252B9108M000
	1200	22 × 40	1.86	B41252A9128M000
	1200	25.4 × 35	1.94	B41252B9128M000
	1200	30 × 25	1.88	B41252C9128M000
	1500	22 × 45	2.18	B41252A9158M000
	1500	25.4 × 40	2.28	B41252B9158M000
	1500	30 × 30	2.23	B41252C9158M000
	1800	25.4 × 45	2.61	B41252A9184M000
	1800	30 × 35	2.57	B41252B9184M000

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Snap-in capacitors

B41252, B43252

Standard series – 105 °C

Technical data and ordering codes B41252

V _R V DC	C _R 120 Hz 20 °C μF	Case dimensions d × l mm	I _{AC,R} 120 Hz 105 °C mA	Ordering code
100	2200	25.4 × 50	2.85	B41252A9228M000
	2200	30 × 40	2.83	B41252B9228M000
	2200	35 × 30	2.76	B41252C9228M000
	2700	30 × 45	3.27	B41252A9278M000
	2700	35 × 35	3.22	B41252B9278M000
	3300	30 × 50	3.59	B41252A9338M000
	3300	35 × 40	3.55	B41252B9338M000
	3900	35 × 45	4.03	B41252A9398M000
	4700	35 × 50	4.40	B41252A9478M000



Snap-in capacitors

B41252, B43252

Standard series – 105 °C

Technical data and ordering codes B43252

V _R V DC	C _R 120 Hz 20 °C μF	Case dimensions d × l mm	I _{AC,R} 120 Hz 105 °C mA	Ordering code
160	180	22 × 20	0.69	B43252A1187M000
	220	22 × 20	0.76	B43252A1227M000
	270	22 × 25	0.91	B43252A1277M000
	270	25.4 × 20	0.93	B43252B1277M000
	330	22 × 25	1.01	B43252A1337M000
	330	25.4 × 25	1.10	B43252B1337M000
	330	30 × 20	1.13	B43252C1337M000
	390	22 × 30	1.17	B43252A1397M000
	390	25.4 × 25	1.20	B43252B1397M000
	390	30 × 20	1.23	B43252C1397M000
	470	22 × 35	1.36	B43252A1477M000
	470	25.4 × 25	1.32	B43252B1477M000
	470	30 × 25	1.44	B43252C1477M000
	470	35 × 20	1.47	B43252D1477M000
	560	22 × 40	1.56	B43252A1567M000
	560	25.4 × 30	1.53	B43252B1567M000
	560	30 × 25	1.57	B43252C1567M000
	560	35 × 25	1.70	B43252D1567M000
	680	22 × 45	1.80	B43252A1687M000
	680	25.4 × 35	1.79	B43252B1687M000
	680	30 × 25	1.73	B43252C1687M000
	680	35 × 25	1.88	B43252D1687M000
	820	22 × 50	2.06	B43252A1827M000
	820	25.4 × 40	2.06	B43252B1827M000
	820	30 × 30	2.02	B43252C1827M000
	820	35 × 25	2.06	B43252D1827M000
	1000	25.4 × 45	2.38	B43252A1108M000
	1000	30 × 35	2.35	B43252B1108M000
	1000	35 × 30	2.41	B43252C1108M000
	1200	25.4 × 50	2.52	B43252A1128M000
	1200	30 × 40	2.50	B43252B1128M000
	1200	35 × 30	2.44	B43252C1128M000
	1500	35 × 40	3.00	B43252A1158M000
200	150	22 × 20	0.63	B43252A2157M000
	180	22 × 20	0.69	B43252A2187M000
	220	22 × 25	0.82	B43252A2227M000
	220	25.4 × 20	0.84	B43252B2227M000
	270	22 × 30	0.91	B43252A2277M000
	270	25.4 × 25	1.00	B43252B2277M000
	270	30 × 20	1.02	B43252C2277M000
	330	22 × 30	1.07	B43252A2337M000
	330	25.4 × 25	1.11	B43252B2337M000

Please read *Important notes* on page 2
and from *Cautions and warnings* page 5.



Snap-in capacitors

B41252, B43252

Standard series – 105 °C

Technical data and ordering codes B43252

V _R V DC	C _R 120 Hz 20 °C μF	Case dimensions d × l mm	I _{AC,R} 120 Hz 105 °C mA	Ordering code
200	330	30 × 20	1.13	B43252D2337M000
	390	22 × 35	1.24	B43252A2397M000
	390	25.4 × 30	1.28	B43252B2397M000
	390	30 × 25	1.31	B43252C2397M000
	390	35 × 20	1.34	B43252D2397M000
	470	22 × 40	1.43	B43252A2477M000
	470	25.4 × 35	1.40	B43252B2477M000
	470	30 × 25	1.44	B43252C2477M000
	470	35 × 25	1.56	B43252D2477M000
	560	22 × 45	1.63	B43252A2567M000
	560	25.4 × 40	1.62	B43252B2567M000
	560	30 × 30	1.67	B43252C2567M000
	560	35 × 25	1.70	B43252D2567M000
	680	22 × 50	1.88	B43252A2687M000
	680	25.4 × 45	1.96	B43252B2687M000
	680	30 × 30	1.84	B43252C2687M000
	680	35 × 25	1.88	B43252D2687M000
	820	25.4 × 50	2.25	B43252A2827M000
	820	30 × 35	2.13	B43252B2827M000
	820	35 × 30	2.18	B43252C2827M000
250	1000	30 × 45	2.57	B43252A2108M000
	1000	35 × 35	2.53	B43252B2108M000
	1200	30 × 50	2.72	B43252A2128M000
	1200	35 × 35	2.57	B43252B2128M000
	1500	35 × 45	3.13	B43252A2158M000
	150	22 × 25	0.68	B43252E2157M000
	150	25.4 × 20	0.69	B43252F2157M000
	180	22 × 25	0.74	B43252E2187M000
	180	25.4 × 20	0.76	B43252F2187M000
	180	30 × 20	0.83	B43252G2187M000
	220	22 × 30	0.88	B43252E2227M000
	220	25.4 × 25	0.90	B43252F2227M000
	220	30 × 20	0.92	B43252G2227M000
	270	22 × 35	1.03	B43252D2277M000
	270	25.4 × 30	1.06	B43252E2277M000
	270	30 × 25	1.09	B43252F2277M000
	270	35 × 20	1.11	B43252G2277M000
	330	22 × 40	1.20	B43252E2337M000
	330	25.4 × 30	1.18	B43252C2337M000
	330	30 × 25	1.21	B43252F2337M000
	330	35 × 20	1.23	B43252G2337M000
	390	22 × 45	1.36	B43252E2397M000

Please read *Important notes* on page 2
and from *Cautions and warnings* page 5.



Snap-in capacitors

B41252, B43252

Standard series – 105 °C

Technical data and ordering codes B43252

V _R V DC	C _R 120 Hz 20 °C μF	Case dimensions d × l mm	I _{AC,R} 120 Hz 105 °C mA	Ordering code
250	390	25.4 × 40	1.42	B43252F2397M000
	390	30 × 30	1.39	B43252G2397M000
	390	35 × 25	1.42	B43252H2397M000
	470	22 × 50	1.56	B43252E2477M000
	470	25.4 × 40	1.56	B43252F2477M000
	470	30 × 30	1.53	B43252G2477M000
	470	35 × 25	1.56	B43252H2477M000
	560	25.4 × 50	1.86	B43252E2567M000
	560	30 × 35	1.76	B43252F2567M000
	560	35 × 30	1.80	B43252G2567M000
	680	30 × 45	2.12	B43252E2687M000
	680	35 × 35	2.09	B43252F2687M000
	820	35 × 40	2.40	B43252E2827M000
	1000	35 × 45	2.76	B43252E2108M000
	1200	35 × 50	2.91	B43252E2128M000
315	82	22 × 20	0.45	B43252A0826M000
	100	22 × 25	0.53	B43252A0107M000
	100	25.4 × 20	0.55	B43252B0107M000
	120	22 × 30	0.62	B43252A0127M000
	120	25.4 × 25	0.64	B43252B0127M000
	120	30 × 20	0.65	B43252C0127M000
	150	22 × 35	0.74	B43252A0157M000
	150	25.4 × 30	0.76	B43252B0157M000
	150	30 × 20	0.73	B43252C0157M000
	180	22 × 40	0.85	B43252A0187M000
	180	25.4 × 35	0.88	B43252B0187M000
	180	30 × 25	0.86	B43252C0187M000
	180	35 × 20	0.87	B43252D0187M000
	220	22 × 45	0.98	B43252A0227M000
	220	25.4 × 35	0.98	B43252B0227M000
	220	30 × 30	1.00	B43252C0227M000
	220	35 × 20	0.96	B43252D0227M000
	270	25.4 × 45	1.19	B43252A0277M000
	270	30 × 35	1.17	B43252B0277M000
	270	35 × 25	1.14	B43252C0277M000
	330	25.4 × 50	1.37	B43252A0337M000
	330	30 × 40	1.36	B43252B0337M000
	330	35 × 30	1.33	B43252C0337M000



Snap-in capacitors

B41252, B43252

Standard series – 105 °C

Technical data and ordering codes B43252

V _R V DC	C _R 120 Hz 20 °C μF	Case dimensions d × l mm	I _{AC,R} 120 Hz 105 °C mA	Ordering code
315	390	30 × 45	1.54	B43252A0397M000
	390	35 × 35	1.52	B43252B0397M000
	470	30 × 50	1.76	B43252A0477M000
	470	35 × 40	1.74	B43252B0477M000
	560	35 × 40	1.90	B43252A0567M000
	680	35 × 50	2.27	B43252A0687M000
350	68	22 × 20	0.41	B43252A4686M000
	82	22 × 25	0.48	B43252A4826M000
	82	25.4 × 20	0.49	B43252B4826M000
	100	22 × 25	0.53	B43252A4107M000
	100	25.4 × 25	0.59	B43252B4107M000
	100	30 × 20	0.60	B43252C4107M000
	120	22 × 30	0.62	B43252A4127M000
	120	25.4 × 25	0.64	B43252B4127M000
	120	30 × 20	0.65	B43252C4127M000
	150	22 × 40	0.78	B43252A4157M000
	150	25.4 × 30	0.76	B43252B4157M000
	150	30 × 25	0.78	B43252C4157M000
	150	35 × 20	0.80	B43252D4157M000
	180	22 × 45	0.89	B43252A4187M000
	180	25.4 × 35	0.88	B43252B4187M000
	180	30 × 30	0.91	B43252C4187M000
	180	35 × 20	0.87	B43252D4187M000
	220	22 × 50	1.03	B43252A4227M000
	220	25.4 × 40	1.03	B43252B4227M000
	220	30 × 30	1.00	B43252C4227M000
	220	35 × 25	1.03	B43252D4227M000
	270	25.4 × 45	1.19	B43252A4277M000
	270	30 × 35	1.17	B43252B4277M000
	270	35 × 30	1.20	B43252C4277M000
	330	30 × 40	1.36	B43252A4337M000
	330	35 × 35	1.40	B43252B4337M000
	390	30 × 45	1.54	B43252A4397M000
	390	35 × 40	1.59	B43252B4397M000
	470	35 × 45	1.82	B43252A4477M000
	560	35 × 50	2.06	B43252A4567M000

Please read *Important notes* on page 2
and from *Cautions and warnings* page 5.



Snap-in capacitors

B41252, B43252

Standard series – 105 °C

Technical data and ordering codes B43252

V _R V DC	C _R 120 Hz 20 °C μF	Case dimensions d × l mm	I _{AC,R} 120 Hz 105 °C mA	Ordering code
400	56	22 × 20	0.37	B43252A9566M000
	68	22 × 25	0.44	B43252A9686M000
	68	25.4 × 20	0.45	B43252B9686M000
	82	22 × 30	0.51	B43252A9826M000
	82	25.4 × 25	0.53	B43252B9826M000
	82	30 × 20	0.54	B43252C9826M000
	100	22 × 35	0.60	B43252A9107M000
	100	25.4 × 30	0.62	B43252C9107M000
	100	30 × 20	0.60	B43252B9107M000
	120	22 × 40	0.69	B43252A9127M000
	120	25.4 × 30	0.68	B43252B9127M000
	120	30 × 25	0.70	B43252C9127M000
	120	35 × 20	0.71	B43252D9127M000
	150	22 × 45	0.81	B43252A9157M000
	150	25.4 × 35	0.81	B43252B9157M000
	150	30 × 30	0.83	B43252C9157M000
	150	35 × 20	0.80	B43252D9157M000
	180	22 × 50	0.93	B43252A9187M000
	180	25.4 × 40	0.93	B43252B9187M000
	180	30 × 30	0.91	B43252C9187M000
	180	35 × 25	0.93	B43252D9187M000
	220	25.4 × 45	1.07	B43252B9227M000
	220	30 × 35	1.06	B43252A9227M000
	220	35 × 30	1.08	B43252C9227M000
	270	25.4 × 50	1.24	B43252A9277M000
	270	30 × 40	1.23	B43252B9277M000
	270	35 × 30	1.20	B43252C9277M000
	330	30 × 45	1.42	B43252A9337M000
	330	35 × 35	1.40	B43252B9337M000
	390	30 × 50	1.61	B43252A9397M000
	390	35 × 40	1.59	B43252B9397M000
	470	35 × 45	1.82	B43252A9477M000
	560	35 × 50	2.06	B43252A9567M000
450	47	22 × 20	0.34	B43252A5476M000
	56	22 × 25	0.40	B43252A5566M000
	56	25.4 × 20	0.41	B43252B5566M000
	68	22 × 30	0.47	B43252A5686M000
	68	25.4 × 25	0.48	B43252B5686M000
	68	30 × 20	0.49	B43252C5686M000
	82	22 × 35	0.54	B43252A5826M000
	82	25.4 × 30	0.54	B43252B5826M000
	82	30 × 20	0.54	B43252C5826M000
	82	30 × 20	0.54	B43252C5826M000

Please read *Important notes* on page 2
and from *Cautions and warnings* page 5.



Snap-in capacitors

B41252, B43252

Standard series – 105 °C

Technical data and ordering codes B43252

V _R V DC	C _R 120 Hz 20 °C μF	Case dimensions d × l mm	I _{AC,R} 120 Hz 105 °C mA	Ordering code
450	100	22 × 40	0.63	B43252A5107M000
	100	25.4 × 30	0.62	B43252B5107M000
	100	30 × 25	0.64	B43252C5107M000
	100	35 × 20	0.65	B43252D5107M000
	120	22 × 45	0.73	B43252A5127M000
	120	25.4 × 35	0.72	B43252B5127M000
	120	30 × 30	0.74	B43252C5127M000
	120	35 × 25	0.76	B43252D5127M000
	150	22 × 50	0.85	B43252A5157M000
	150	25.4 × 40	0.85	B43252B5157M000
	150	30 × 30	0.83	B43252C5157M000
	150	35 × 25	0.85	B43252D5157M000
	180	25.4 × 45	0.97	B43252A5187M000
	180	30 × 35	0.96	B43252B5187M000
	180	35 × 30	0.98	B43252C5187M000
	220	25.4 × 50	1.12	B43252A5227M000
	220	30 × 40	1.11	B43252B5227M000
	220	35 × 30	1.08	B43252C5227M000
	270	30 × 45	1.28	B43252A5277M000
	270	35 × 35	1.26	B43252B5277M000
	330	30 × 50	1.48	B43252A5337M000
	330	35 × 40	1.46	B43252B5337M000
	390	35 × 45	1.66	B43252A5397M000
	470	35 × 50	1.89	B43252A5477M000
500	47	22 × 25	0.25	B43252A6476M000
	47	25.4 × 20	0.30	B43252B6476M000
	56	22 × 30	0.29	B43252A6566M000
	56	25.4 × 30	0.30	B43252B6566M000
	56	30 × 20	0.36	B43252C6566M000
	68	22 × 40	0.34	B43252A6686M000
	68	25.4 × 35	0.35	B43252B6686M000
	68	30 × 25	0.36	B43252C6686M000
	68	35 × 20	0.48	B43252D6686M000
	82	22 × 45	0.40	B43252A6826M000
	82	25.4 × 40	0.41	B43252B6826M000
	82	30 × 30	0.48	B43252C6826M000
	82	35 × 25	0.48	B43252D6826M000
	100	22 × 50	0.47	B43252A6107M000
	100	25.4 × 45	0.46	B43252B6107M000
	100	30 × 35	0.47	B43252C6107M000
	100	35 × 30	0.48	B43252D6107M000
	120	25.4 × 50	0.53	B43252A6127M000

Please read *Important notes* on page 2
and from *Cautions and warnings* page 5.



Snap-in capacitors

B41252, B43252

Standard series – 105 °C

Technical data and ordering codes B43252

V _R V DC	C _R 120 Hz 20 °C μF	Case dimensions d × l mm	I _{AC,R} 120 Hz 105 °C mA	Ordering code
500	120	30 × 40	0.55	B43252B6127M000
	120	35 × 30	0.56	B43252C6127M000
	150	30 × 45	0.61	B43252A6157M000
	150	35 × 35	0.62	B43252B6157M000
	180	30 × 50	0.70	B43252A6187M000
	180	35 × 40	0.78	B43252B6187M000
	220	35 × 45	0.80	B43252A6227M000
	270	35 × 50	0.93	B43252A6277M000