

Polypropylene Capacitors (PP)

Short description

- Dielectric: polypropylene
- Stacked-film or wound capacitor technology
- Self-healing

Terminals

- Parallel or crimped wire leads, tinned
- Special crimping and lead lengths upon request

IEC climatic category

55/100/56

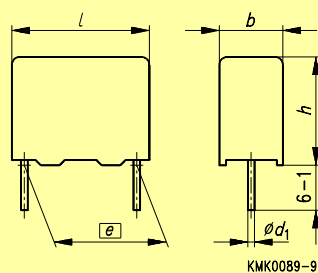
Delivery mode

Bulk (untaped) and/or
taped (Ammo pack or reel)

Style	MKP			MFP Capacitors	
Type	B 32 620 B 32 621	B 32 651 ... B 32 656	B 32 612 ... B 32 614	B 32 682 ... B 32 684	B 32 632 ... B 32 634
	Boxed	Boxed	Powder Dipped	Boxed	Powder Dipped
Construction	Stacked-film technology	Wound capacitor technology		Wound capacitor technology, film/foil construction	
	Plastic case (UL 94 V-0)	Plastic case (UL 94 V-0)	Epoxy resin coating (UL 94 V-0)	Plastic case (UL 94 V-0)	Epoxy resin coating (UL 94 V-0)
Features	Extremely small dimensions, very high pulse strength	High contact reliability	High pulse strength	Very high pulse strength, outstanding contact reliability	
Applications	Energy-saving lamps, TV S-correction, high pulse load applications, AC applications	TV S-correction, TV flyback, electronic ballast circuits	TV S-correction, high pulse load applications, electronic ballast circuits, AC applications	Pulse circuits, high-frequency ac current loads, snubbing of power semiconductors	Pulse circuits, high-frequency ac current loads, flyback in TV/monitors

Boxed

B 32 62*
B 32 65*
B 32 68*

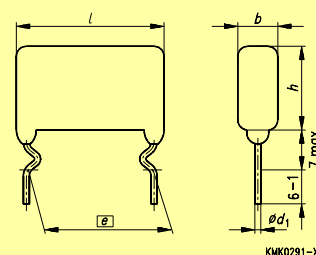


Lead spacing $[e] \pm 0,4$	Diameter d_1 mm	Type
7,5 mm	0,5	B 32 620
10,0 mm	0,5 ¹⁾ / 0,6	B 32 6*1
15,0 mm	0,8	B 32 6*2
22,5 mm	0,8	B 32 6*3
27,5 mm	0,8	B 32 6*4
37,5 mm	1,0	B 32 656

1) 0,5 mm for capacitor width $b = 4$ mm
Also available with $(3,2 \pm 0,3)$ mm lead length.
Ordering code: Append code number "3" to the tolerance code letter. Example: B32620-A6152-K3.

Powder Dipped

B 32 61*
B 32 63*

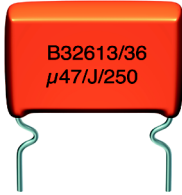


Lead spacing $[e] \pm 0,4$	Diameter d_1 mm	Type
15,0 mm	0,8	B 32 612/B 32 632
22,5 mm	0,8	B 32 613/B 32 633
27,5 mm	0,8	B 32 614/B 32 634

Also available:
Min. 20 mm lead length,
double crimped wire leads,
customized lead spacings from 7,5 to 25 mm.

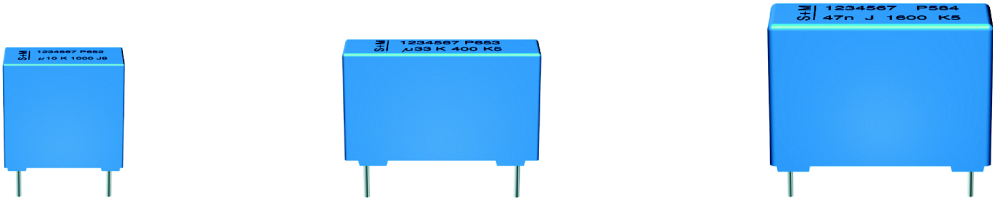
Polypropylene Capacitors (PP)

Selector guide

	MKP capacitors Boxed										Powder Dipped									
																				
Lead spacing	7,5 mm					10 mm					15 mm		22,5 mm		27,5 mm					
Type	B 32 620					B 32 621					B 32 612		B 32 613		B 32 614					
Page	24					25					26		27		27					
1,5 nF																				
2,2 nF																				
3,3 nF																				
4,7 nF																				
5,6 nF																				
6,8 nF																				
10 nF																				
15 nF																				
22 nF																				
33 nF																				
47 nF																				
68 nF																				
0,10 μF																				
0,15 μF																				
0,22 μF																				
0,33 μF																				
0,47 μF																				
0,68 μF																				
1,0 μF																				
1,5 μF																				
2,2 μF																				
3,3 μF																				
	Stacked-film technology										Wound capacitor technology									

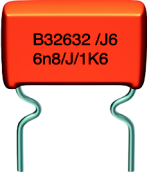
Polypropylene Capacitors (PP)

Selector guide

	MKP capacitors Boxed																			
																				
Lead spacing	10 mm		15 mm				22,5 mm				27,5 mm				37,5 mm					
Type	B 32 651		B 32 652				B 32 653				B 32 654				B 32 656					
Page	28		28				29				30				30					
1,0 nF																				
1,5 nF																				
2,2 nF																				
3,3 nF	1250 Vdc																			
4,7 nF																				
6,8 nF																				
10 nF																				
15 nF																				
22 nF																				
33 nF																				
47 nF																				
68 nF																				
0,10 µF																				
0,15 µF																				
0,22 µF																				
0,33 µF																				
0,47 µF																				
0,68 µF																				
1,0 µF																				
1,5 µF																				
2,2 µF																				
3,3 µF																				
4,7 µF																				
	Wound capacitor technology																			

Polypropylene Capacitors (PP)

Selector guide

	MFP capacitors						Powder Dipped					
	Boxed						Powder Dipped					
												
Lead spacing	15 mm		22,5 mm		27,5 mm		15 mm		22,5 mm		27,5 mm	
Type	B 32 682		B 32 683		B 32 684		B 32 632		B 32 633		B 32 634	
Page	31		32		32		33		34		35	
0,10 nF												
0,15 nF												
0,22 nF												
0,33 nF												
0,47 nF												
0,68 nF												
1,0 nF												
1,5 nF												
2,2 nF												
3,3 nF												
4,7 nF												
6,8 nF												
10 nF												
15 nF												
22 nF												
33 nF												
47 nF												
68 nF												
0,10 µF												
0,15 µF												
0,22 µF												
0,33 µF												
0,47 µF												
Wound capacitor technology												



MKP Capacitors Boxed

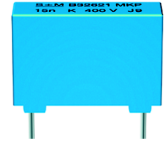
Lead spacing 7,5 mm

V_R (V_{rms} , $f \leq 1$ kHz)	C_R ¹⁾	Maximum dimensions $b \times h \times l$ (mm)	Ordering code + = cap. tolerance ¹⁾ *** = packing	Packing units (pcs)		
				Ammo pack *** = 289	Reel *** = 189	Untaped ²⁾
160 Vdc (90 Vac)	22 nF	3,0 × 8,0 × 10,0	B32620-A5223-+***	2600	2400	2000
	33 nF	4,0 × 8,5 × 10,0	B32620-A5333-+***	2000	1800	1500
	47 nF	4,0 × 8,5 × 10,0	B32620-A5473-+***	2000	1800	1500
	68 nF	5,0 × 10,5 × 10,0	B32620-A5683-+***	1600	1400	1000
	0,10 µF	5,0 × 10,5 × 10,0	B32620-A5104-+***	1600	1400	1000
	0,15 µF	6,0 × 12,0 × 10,3	B32620-A5154-+***	1300	1100	750
250 Vdc (140 Vac)	22 nF	4,0 × 8,5 × 10,0	B32620-A3223-+***	2000	1800	1500
	33 nF	4,0 × 8,5 × 10,0	B32620-A3333-+***	2000	1800	1500
	47 nF	5,0 × 10,5 × 10,0	B32620-A3473-+***	1600	1400	1000
	68 nF	5,0 × 10,5 × 10,0	B32620-A3683-+***	1600	1400	1000
	0,10 µF	6,0 × 12,0 × 10,3	B32620-A3104-+***	1300	1100	750
400 Vdc (200 Vac)	6,8 nF	4,0 × 8,5 × 10,0	B32620-A4682-+***	2000	1800	1500
	10 nF	4,0 × 8,5 × 10,0	B32620-A4103-+***	2000	1800	1500
	15 nF	5,0 × 10,5 × 10,0	B32620-A4153-+***	1600	1400	1000
	22 nF	5,0 × 10,5 × 10,0	B32620-A4223-+***	1600	1400	1000
	33 nF	6,0 × 12,0 × 10,3	B32620-A4333-+***	1300	1100	750
630 Vdc (400 Vac)	1,5 nF	4,0 × 8,5 × 10,0	B32620-A6152-+***	2000	1800	1500
	2,2 nF	4,0 × 8,5 × 10,0	B32620-A6222-+***	2000	1800	1500
	3,3 nF	4,0 × 8,5 × 10,0	B32620-A6332-+***	2000	1800	1500
	4,7 nF	4,0 × 8,5 × 10,0	B32620-A6472-+***	2000	1800	1500
	6,8 nF	5,0 × 10,5 × 10,0	B32620-A6682-+***	1600	1400	1000
	10 nF	5,0 × 10,5 × 10,0	B32620-A6103-+***	1600	1400	1000
	15 nF	6,0 × 12,0 × 10,3	B32620-A6153-+***	1300	1100	750
1000 Vdc (500 Vac)	1,5 nF	4,0 × 8,5 × 10,0	B32620-A152-+***	2000	1800	1500
	2,2 nF	4,0 × 8,5 × 10,0	B32620-A222-+***	2000	1800	1500
	3,3 nF	5,0 × 10,5 × 10,0	B32620-A332-+***	1600	1400	1000
	4,7 nF	5,0 × 10,5 × 10,0	B32620-A472-+***	1600	1400	1000
	6,8 nF	6,0 × 12,0 × 10,3	B32620-A682-+***	1300	1100	750

1) Capacitance tolerance: ±20 % ≐ M, ±10 % ≐ K, ±5 % ≐ J

2) The ordering code for untaped components ends after the tolerance code letter.

MKP Capacitors Boxed

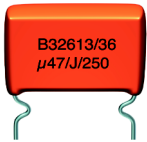


Lead spacing 10 mm

V_R (V_{rms} , $f \leq 1$ kHz)	C_R ¹⁾	Maximum dimensions $b \times h \times l$ (mm)	Ordering code + = cap. tolerance ¹⁾ *** = packing	Packing units (pcs)		
				Ammo pack *** = 289	Reel *** = 189	Untaped ²⁾
160 Vdc (90 Vac)	47 nF	4,0 × 7,0 × 13,0	B32621-A5473-+***	1000	1700	1000
	68 nF	4,0 × 9,0 × 13,0	B32621-A5683-+***	1000	1700	1000
	0,10 µF	5,0 × 11,0 × 13,0	B32621-A5104-+***	830	1300	1000
	0,15 µF	5,0 × 11,0 × 13,0	B32621-A5154-+***	830	1300	1000
	0,22 µF	6,0 × 12,0 × 13,0	B32621-A5224-+***	680	1100	1000
250 Vdc (140 Vac)	2,2 nF	4,0 × 7,0 × 13,0	B32621-A3222-+***	1000	1700	1000
	3,3 nF	4,0 × 9,0 × 13,0	B32621-A3332-+***	1000	1700	1000
	4,7 nF	4,0 × 9,0 × 13,0	B32621-A3472-+***	1000	1700	1000
	6,8 nF	4,0 × 9,0 × 13,0	B32621-A3682-+***	1000	1700	1000
	10 nF	4,0 × 9,0 × 13,0	B32621-A3103-+***	1000	1700	1000
	15 nF	4,0 × 9,0 × 13,0	B32621-A3153-+***	1000	1700	1000
	22 nF	4,0 × 9,0 × 13,0	B32621-A3223-+***	1000	1700	1000
	33 nF	4,0 × 9,0 × 13,0	B32621-A3333-+***	1000	1700	1000
	47 nF	4,0 × 9,0 × 13,0	B32621-A3473-+***	1000	1700	1000
	68 nF	5,0 × 11,0 × 13,0	B32621-A3683-+***	830	1300	1000
	0,10 µF	6,0 × 12,0 × 13,0	B32621-A3104-+***	680	1100	1000
400 Vdc (200 Vac)	10 nF	4,0 × 9,0 × 13,0	B32621-A4103-+***	1000	1700	1000
	15 nF	4,0 × 9,0 × 13,0	B32621-A4153-+***	1000	1700	1000
	22 nF	5,0 × 11,0 × 13,0	B32621-A4223-+***	830	1300	1000
	33 nF	5,0 × 11,0 × 13,0	B32621-A4333-+***	830	1300	1000
	47 nF	6,0 × 12,0 × 13,0	B32621-A4473-+***	680	1100	1000
630 Vdc (400 Vac)	2,2 nF	4,0 × 7,0 × 13,0	B32621-A6222-+***	1000	1700	1000
	3,3 nF	4,0 × 9,0 × 13,0	B32621-A6332-+***	1000	1700	1000
	4,7 nF	4,0 × 9,0 × 13,0	B32621-A6472-+***	1000	1700	1000
	6,8 nF	4,0 × 9,0 × 13,0	B32621-A6682-+***	1000	1700	1000
	10 nF	4,0 × 9,0 × 13,0	B32621-A6103-+***	1000	1700	1000
	15 nF	5,0 × 11,0 × 13,0	B32621-A6153-+***	830	1300	1000
	22 nF	6,0 × 12,0 × 13,0	B32621-A6223-+***	680	1100	1000
1000 Vdc (500 Vac)	2,2 nF	4,0 × 7,0 × 13,0	B32621-A222-+***	1000	1700	1000
	3,3 nF	4,0 × 9,0 × 13,0	B32621-A332-+***	1000	1700	1000
	4,7 nF	4,0 × 9,0 × 13,0	B32621-A472-+***	1000	1700	1000
	6,8 nF	5,0 × 11,0 × 13,0	B32621-A682-+***	830	1300	1000
	10 nF	6,0 × 12,0 × 13,0	B32621-A103-+***	680	1100	1000

1) Capacitance tolerance: ±20 % ≙ M, ±10 % ≙ K, ±5 % ≙ J

2) The ordering code for untaped components ends after the tolerance code letter.



MKP Capacitors Powder Dipped

Lead spacing 15 mm

V_R (V_{rms} , $f \leq 1$ kHz)	C_R ¹⁾	Maximum dimensions $b \times h \times l$ (mm)	Ordering code + = cap. tolerance ¹⁾ *** = lead style	Packing units (pcs) Untaped
250 Vdc (160 Vac)	0,15 μ F	6,0 $\times$ 11,5 $\times$ 18,0	B32612-A3154-+***	1000
	0,22 μ F	8,0 $\times$ 13,5 $\times$ 18,0	B32612-A3224-+***	1000
	0,33 μ F	6,0 $\times$ 15,5 $\times$ 18,0	B32612-A3334-+***	500
	0,47 μ F	9,5 $\times$ 17,5 $\times$ 18,0	B32612-A3474-+***	500
	0,68 μ F	10,0 $\times$ 19,0 $\times$ 18,0	B32612-A3684-+***	500
400 Vdc (200 Vac)	68 nF	6,0 $\times$ 11,5 $\times$ 18,0	B32612-A4683-+***	1000
	0,10 μ F	7,0 $\times$ 12,0 $\times$ 18,0	B32612-A4104-+***	1000
	0,15 μ F	8,0 $\times$ 13,5 $\times$ 18,0	B32612-A4154-+***	1000
	0,22 μ F	9,5 $\times$ 15,5 $\times$ 18,0	B32612-A4224-+***	500
	0,33 μ F	9,5 $\times$ 17,5 $\times$ 18,0	B32612-A4334-+***	500
	0,47 μ F	10,0 $\times$ 19,0 $\times$ 18,0	B32612-A4474-+***	500
630 Vdc (250 Vac)	33 nF	6,0 $\times$ 12,0 $\times$ 18,0	B32612-A6333-+***	1000
	47 nF	6,5 $\times$ 12,5 $\times$ 18,0	B32612-A6473-+***	1000
	68 nF	7,0 $\times$ 13,0 $\times$ 18,0	B32612-A6683-+***	1000
	0,10 μ F	7,5 $\times$ 13,5 $\times$ 18,0	B32612-A6104-+***	1000
	0,15 μ F	9,0 $\times$ 15,0 $\times$ 18,0	B32612-A6154-+***	500
	0,22 μ F	10,0 $\times$ 17,5 $\times$ 18,0	B32612-A6224-+***	500

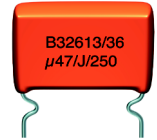
Customized capacitance ratings upon request.

Available lead styles

Lead spacing	Enlarged, standard or reduced lead spacings and assigned code numbers				
	7,5 mm	10 mm	12,5 mm	15,0 mm	17,5 mm
15 mm (lead length 6 mm)	030	040	050	010	060
15 mm (lead length 20 mm)				011	
Double crimped version (lead length 6 mm)				020	

1) Capacitance tolerance: $\pm 10\% \triangleq K$, $\pm 5\% \triangleq J$

MKP Capacitors Powder Dipped



Lead spacing 22,5 mm

V_R (V_{rms} , $f \leq 1$ kHz)	C_R ¹⁾	Maximum dimensions $b \times h \times l$ (mm)	Ordering code + = cap. tolerance ¹⁾ *** = lead style	Packing units (pcs) Untaped
250 Vdc (160 Vac)	0,22 μ F	7,0 $\times$ 16,0 $\times$ 26,5	B32613-A3224-+***	500
	0,33 μ F	8,0 $\times$ 17,0 $\times$ 26,5	B32613-A3334-+***	500
	0,47 μ F	8,0 $\times$ 17,0 $\times$ 26,5	B32613-A3474-+***	500
	0,68 μ F	9,5 $\times$ 17,5 $\times$ 26,5	B32613-A3684-+***	250
	1,0 μ F	11,5 $\times$ 17,5 $\times$ 26,5	B32613-A3105-+***	250
400 Vdc (200 Vac)	0,15 μ F	7,0 $\times$ 16,0 $\times$ 26,5	B32613-A4154-+***	500
	0,22 μ F	7,0 $\times$ 16,0 $\times$ 26,5	B32613-A4224-+***	500
	0,33 μ F	8,0 $\times$ 17,0 $\times$ 26,5	B32613-A4334-+***	500
	0,47 μ F	9,5 $\times$ 17,5 $\times$ 26,5	B32613-A4474-+***	250
	0,68 μ F	11,5 $\times$ 17,5 $\times$ 26,5	B32613-A4684-+***	250
630 Vdc (250 Vac)	1,0 μ F	12,0 $\times$ 21,0 $\times$ 26,5	B32613-A4105-+***	250
	0,10 μ F	7,0 $\times$ 16,0 $\times$ 26,5	B32613-A6104-+***	250
	0,15 μ F	7,0 $\times$ 16,0 $\times$ 26,5	B32613-A6154-+***	250
	0,22 μ F	9,0 $\times$ 16,5 $\times$ 26,5	B32613-A6224-+***	250
	0,33 μ F	10,5 $\times$ 17,0 $\times$ 26,5	B32613-A6334-+***	250
	0,47 μ F	11,0 $\times$ 20,0 $\times$ 26,5	B32613-A6474-+***	250

Lead spacing 27,5 mm

V_R (V_{rms} , $f \leq 1$ kHz)	C_R ¹⁾	Maximum dimensions $b \times h \times l$ (mm)	Ordering code + = cap. tolerance ¹⁾ *** = lead style	Packing units (pcs) Untaped
250 Vdc (160 Vac)	1,5 μ F	12,0 $\times$ 22,0 $\times$ 31,5	B32614-A3155-+***	200
	2,2 μ F	13,5 $\times$ 22,5 $\times$ 31,5	B32614-A3225-+***	200
	3,3 μ F	16,0 $\times$ 26,0 $\times$ 31,5	B32614-A3335-+***	200
400 Vdc (200 Vac)	1,0 μ F	12,0 $\times$ 22,0 $\times$ 31,5	B32614-A4105-+***	200
	1,5 μ F	13,5 $\times$ 22,5 $\times$ 31,5	B32614-A4155-+***	200
	2,2 μ F	15,0 $\times$ 25,5 $\times$ 31,5	B32614-A4225-+***	150
630 Vdc (400 Vac)	0,68 μ F	11,0 $\times$ 21,0 $\times$ 31,5	B32614-A6684-+***	200
	1,0 μ F	13,5 $\times$ 23,5 $\times$ 31,5	B32614-A6105-+***	200

Customized capacitance ratings upon request.

Available lead styles

Lead spacing	Enlarged, standard or reduced lead spacings and assigned code numbers				
	17,5 mm	20 mm	22,5 mm	25 mm	27,5 mm
22,5 mm (lead length 6 mm)	060	070	010	080	
22,5 mm (lead length 20 mm)			011		
27,5 mm (lead length 6 mm)				090	010
27,5 mm (lead length 20 mm)					011
Double crimped version (lead length 6 mm)			020		020

1) Capacitance tolerance: $\pm 10\% \triangleq K$, $\pm 5\% \triangleq J$



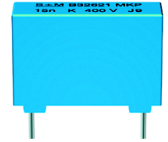
MKP Capacitors Boxed

Lead spacing 10 and 15 mm

V_R (V_{rms} , $f \leq 1$ kHz)	C_R (see pg. 29)	Maximum dimensions $b \times h \times l$ (mm)	Ordering code + = cap. tol. (see pg. 29) *** = packing	Packing units (pcs)		
				Ammo pack *** = 289	Reel *** = 189	Untaped (see pg. 29)
Lead spacing 10 mm						
1250 Vdc (500 Vac)	2,2 nF	4,0 × 9,0 × 13,0	B32651-A7222-+***	1000	1700	1000
	3,3 nF	5,0 × 11,0 × 13,0	B32651-A7332-+***	830	1300	1000
	4,7 nF	5,0 × 11,0 × 13,0	B32651-A7472-+***	830	1300	1000
	6,8 nF	6,0 × 12,0 × 13,0	B32651-A7682-+***	680	1100	1000
Lead spacing 15 mm						
250 Vdc (160 Vac)	0,10 µF	5,0 × 10,5 × 18,0	B32652-A3104-+***	1170	1300	1000
	0,15 µF	5,0 × 10,5 × 18,0	B32652-A3154-+***	1170	1300	1000
	0,22 µF	6,0 × 11,0 × 18,0	B32652-A3224-+***	960	1100	1000
	0,33 µF	7,0 × 12,5 × 18,0	B32652-A3334-+***	830	900	1000
	0,47 µF	8,5 × 14,5 × 18,0	B32652-A3474-+***	680	700	500
	0,68 µF	9,0 × 17,5 × 18,0	B32652-A3684-+***	640	700	500
400 Vdc (200 Vac)	68 nF	5,0 × 10,5 × 18,0	B32652-A4683-+***	1170	1300	1000
	0,10 µF	5,0 × 10,5 × 18,0	B32652-A4104-+***	1170	1300	1000
	0,15 µF	6,0 × 11,0 × 18,0	B32652-A4154-+***	960	1100	1000
	0,22 µF	7,0 × 12,5 × 18,0	B32652-A4224-+***	830	900	1000
	0,33 µF	8,5 × 14,5 × 18,0	B32652-A4334-+***	680	700	500
	0,47 µF	9,0 × 17,5 × 18,0	B32652-A4474-+***	640	700	500
630 Vdc (250 Vac)	33 nF	5,0 × 10,5 × 18,0	B32652-A6333-+***	1170	1300	1000
	47 nF	5,0 × 10,5 × 18,0	B32652-A6473-+***	1170	1300	1000
	68 nF	6,0 × 11,0 × 18,0	B32652-A6683-+***	960	1100	1000
	0,10 µF	7,0 × 12,5 × 18,0	B32652-A6104-+***	830	900	1000
	0,15 µF	8,5 × 14,5 × 18,0	B32652-A6154-+***	680	700	500
	0,22 µF	9,0 × 17,5 × 18,0	B32652-A6224-+***	640	700	500
1000 Vdc (250 Vac)	10 nF	5,0 × 10,5 × 18,0	B32652-A103-+***	1170	1300	1000
	15 nF	5,0 × 10,5 × 18,0	B32652-A153-+***	1170	1300	1000
	22 nF	5,0 × 10,5 × 18,0	B32652-A223-+***	1170	1300	1000
	33 nF	6,0 × 11,0 × 18,0	B32652-A333-+***	960	1100	1000
	47 nF	7,0 × 12,5 × 18,0	B32652-A473-+***	830	900	1000
	68 nF	8,5 × 14,5 × 18,0	B32652-A683-+***	680	700	500
	0,10 µF	9,0 × 17,5 × 18,0	B32652-A104-+***	640	700	500
1250 Vdc (500 Vac)	6,8 nF	5,0 × 10,5 × 18,0	B32652-A7682-+***	1170	1300	1000
	10 nF	6,0 × 11,0 × 18,0	B32652-A7103-+***	960	1100	1000
	15 nF	7,0 × 12,5 × 18,0	B32652-A7153-+***	830	900	1000
	22 nF	8,5 × 14,5 × 18,0	B32652-A7223-+***	680	700	500
	33 nF	9,0 × 17,5 × 18,0	B32652-A7333-+***	640	700	500
1600 Vdc (500 Vac)	3,3 nF	5,0 × 10,5 × 18,0	B32652-A1332-+***	1170	1300	1000
	4,7 nF	6,0 × 11,0 × 18,0	B32652-A1472-+***	960	1100	1000
	6,8 nF	7,0 × 12,5 × 18,0	B32652-A1682-+***	830	900	1000
	10 nF	8,5 × 14,5 × 18,0	B32652-A1103-+***	680	700	500
	15 nF	9,0 × 17,5 × 18,0	B32652-A1153-+***	640	700	500
1600 Vdc (700 Vac)	2,2 nF	5,0 × 10,5 × 18,0	B32652-J1222-+***	1170	1300	1000
	3,3 nF	6,0 × 11,0 × 18,0	B32652-J1332-+***	960	1100	1000
	4,7 nF	7,0 × 12,5 × 18,0	B32652-J1472-+***	830	900	1000
	6,8 nF	8,5 × 14,5 × 18,0	B32652-J1682-+***	680	700	500
	10 nF	9,0 × 17,5 × 18,0	B32652-J1103-+***	640	700	500
2000 Vdc (700 Vac)	1,0 nF	5,0 × 10,5 × 18,0	B32652-A2102-+***	1170	1300	1000
	1,5 nF	6,0 × 11,0 × 18,0	B32652-A2152-+***	960	1100	1000
	2,2 nF	7,0 × 12,5 × 18,0	B32652-A2222-+***	830	900	1000
	3,3 nF	8,5 × 14,5 × 18,0	B32652-A2332-+***	680	700	500
	4,7 nF	9,0 × 17,5 × 18,0	B32652-A2472-+***	640	700	500

Customized capacitance ratings upon request.

MKP Capacitors Boxed



Lead spacing 22,5 mm

V_R (V_{rms} , $f \leq 1$ kHz)	C_R ¹⁾	Maximum dimensions $b \times h \times l$ (mm)	Ordering code + = cap. tolerance ¹⁾ *** = packing	Packing units (pcs)		
				Ammo pack *** = 289	Reel *** = 189	Untaped ²⁾
250 Vdc (160 Vac)	0,22 μF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A3224-+***	680	700	720
	0,33 μF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A3334-+***	680	700	720
	0,47 μF	7,0 $\times$ 16,0 $\times$ 26,5	B32653-A3474-+***	580	600	630
	0,68 μF	8,5 $\times$ 16,5 $\times$ 26,5	B32653-A3684-+***	480	500	510
	1,0 μF	10,5 $\times$ 16,5 $\times$ 26,5	B32653-A3105-+***	390	400	540
400 Vdc (200 Vac)	0,15 μF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A4154-+***	680	700	720
	0,22 μF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A4224-+***	680	700	720
	0,33 μF	7,0 $\times$ 16,0 $\times$ 26,5	B32653-A4334-+***	580	600	630
	0,47 μF	8,5 $\times$ 16,5 $\times$ 26,5	B32653-A4474-+***	480	500	510
	0,68 μF	10,5 $\times$ 16,5 $\times$ 26,5	B32653-A4684-+***	390	400	540
	1,0 μF	11,0 $\times$ 20,5 $\times$ 26,5	B32653-A4105-+***	370	350	510
630 Vdc (250 Vac)	0,10 μF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A6104-+***	680	700	720
	0,15 μF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A6154-+***	680	700	720
	0,22 μF	8,5 $\times$ 16,5 $\times$ 26,5	B32653-A6224-+***	480	500	510
	0,33 μF	10,5 $\times$ 16,5 $\times$ 26,5	B32653-A6334-+***	390	400	540
	0,47 μF	11,0 $\times$ 20,5 $\times$ 26,5	B32653-A6474-+***	370	350	510
1000 Vdc (250 Vac)	33 nF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A333-+***	680	700	720
	47 nF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A473-+***	680	700	720
	68 nF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A683-+***	680	700	720
	0,10 μF	8,5 $\times$ 16,5 $\times$ 26,5	B32653-A104-+***	480	500	510
	0,15 μF	10,5 $\times$ 16,5 $\times$ 26,5	B32653-A154-+***	390	400	540
	0,22 μF	11,0 $\times$ 20,5 $\times$ 26,5	B32653-A224-+***	370	350	510
1250 Vdc (500 Vac)	22 nF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A7223-+***	680	700	720
	33 nF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A7333-+***	680	700	720
	47 nF	8,5 $\times$ 16,5 $\times$ 26,5	B32653-A7473-+***	480	500	510
	68 nF	10,5 $\times$ 16,5 $\times$ 26,5	B32653-A7683-+***	390	400	540
	0,10 μF	11,0 $\times$ 20,5 $\times$ 26,5	B32653-A7104-+***	370	350	510
1600 Vdc (500 Vac)	4,7 nF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A1472-+***	680	700	720
	6,8 nF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A1682-+***	680	700	720
	10 nF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A1103-+***	680	700	720
	15 nF	7,0 $\times$ 16,0 $\times$ 26,5	B32653-A1153-+***	580	600	630
	22 nF	8,5 $\times$ 16,5 $\times$ 26,5	B32653-A1223-+***	480	500	510
	33 nF	10,5 $\times$ 16,5 $\times$ 26,5	B32653-A1333-+***	390	400	540
	47 nF	11,0 $\times$ 20,5 $\times$ 26,5	B32653-A1473-+***	370	350	510
2000 Vdc (700 Vac)	1,0 nF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A2102-+***	680	700	720
	1,5 nF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A2152-+***	680	700	720
	2,2 nF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A2222-+***	680	700	720
	3,3 nF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A2332-+***	680	700	720
	4,7 nF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A2472-+***	680	700	720
	6,8 nF	8,5 $\times$ 16,5 $\times$ 26,5	B32653-A2682-+***	480	500	510
	10 nF	10,5 $\times$ 16,5 $\times$ 26,5	B32653-A2103-+***	390	400	540
	15 nF	11,0 $\times$ 20,5 $\times$ 26,5	B32653-A2153-+***	370	350	510
2000 Vdc (1000 Vac)	1,5 nF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A8152-+***	680	700	720
	2,2 nF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A8222-+***	680	700	720
	3,3 nF	6,0 $\times$ 15,0 $\times$ 26,5	B32653-A8332-+***	680	700	720
	4,7 nF	8,5 $\times$ 16,5 $\times$ 26,5	B32653-A8472-+***	480	500	510
	6,8 nF	10,5 $\times$ 16,5 $\times$ 26,5	B32653-A8682-+***	390	400	540
	10 nF	10,5 $\times$ 20,5 $\times$ 26,5	B32653-A8103-+***	390	400	540

Customized capacitance ratings upon request.

1) Capacitance tolerance: $\pm 10\% \triangleq K$, $\pm 5\% \triangleq J$ ($\pm 3,5\%$ upon request)

2) The ordering code for untaped components ends after the tolerance code letter.



MKP Capacitors Boxed

Lead spacing 27,5 mm

V_R (V_{rms} , $f \leq 1$ kHz)	C_R ¹⁾	Maximum dimensions $b \times h \times l$ (mm)	Ordering code + = cap. tolerance ¹⁾ *** = packing	Packing units (pcs)		
				Ammo pack	Reel *** = 189	Untaped ²⁾
250 Vdc (160 Vac)	1,5 μF	11,0 $\times$ 21,0 $\times$ 31,5	B32654-A3155-+***	–	350	320
	2,2 μF	12,5 $\times$ 21,5 $\times$ 31,5	B32654-A3225-+***	–	300	280
	3,3 μF	15,0 $\times$ 24,5 $\times$ 31,5	B32654-A3335-+***	–	–	240
	4,7 μF	18,0 $\times$ 27,5 $\times$ 31,5	B32654-A3475-+***	–	–	200
400 Vdc (200 Vac)	1,0 μF	11,0 $\times$ 21,0 $\times$ 31,5	B32654-A4105-+***	–	350	320
	1,5 μF	12,5 $\times$ 21,5 $\times$ 31,5	B32654-A4155-+***	–	300	280
	2,2 μF	14,0 $\times$ 24,5 $\times$ 31,5	B32654-A4225-+***	–	–	260
	3,3 μF	19,0 $\times$ 30,0 $\times$ 31,5	B32654-A4335-+***	–	–	180
630 Vdc (250 Vac)	0,68 μF	11,0 $\times$ 21,0 $\times$ 31,5	B32654-A6684-+***	–	350	320
	1,0 μF	13,5 $\times$ 23,0 $\times$ 31,5	B32654-A6105-+***	–	250	260
	1,5 μF	18,0 $\times$ 27,5 $\times$ 31,5	B32654-A6155-+***	–	–	200
1000 Vdc (250 Vac)	0,22 μF	11,0 $\times$ 21,0 $\times$ 31,5	B32654-A224-+***	–	350	320
	0,33 μF	11,0 $\times$ 21,0 $\times$ 31,5	B32654-A334-+***	–	350	320
	0,47 μF	14,0 $\times$ 24,5 $\times$ 31,5	B32654-A474-+***	–	–	260
	0,68 μF	18,0 $\times$ 27,5 $\times$ 31,5	B32654-A684-+***	–	–	200
1250 Vdc (500 Vac)	0,10 μF	11,0 $\times$ 21,0 $\times$ 31,5	B32654-A7104-+***	–	350	320
	0,15 μF	11,0 $\times$ 21,0 $\times$ 31,5	B32654-A7154-+***	–	350	320
	0,22 μF	14,0 $\times$ 24,5 $\times$ 31,5	B32654-A7224-+***	–	–	260
	0,33 μF	18,0 $\times$ 27,5 $\times$ 31,5	B32654-A7334-+***	–	–	200
1600 Vdc (500 Vac)	47 nF	11,0 $\times$ 21,0 $\times$ 31,5	B32654-A1473-+***	–	350	320
	68 nF	11,0 $\times$ 21,0 $\times$ 31,5	B32654-A1683-+***	–	350	320
	0,10 μF	14,0 $\times$ 24,5 $\times$ 31,5	B32654-A1104-+***	–	–	260
	0,15 μF	18,0 $\times$ 27,5 $\times$ 31,5	B32654-A1154-+***	–	–	200
2000 Vdc (700 Vac)	22 nF	11,0 $\times$ 21,0 $\times$ 31,5	B32654-A2223-+***	–	350	320
	33 nF	13,5 $\times$ 23,0 $\times$ 31,5	B32654-A2333-+***	–	250	260
	47 nF	18,0 $\times$ 27,5 $\times$ 31,5	B32654-A2473-+***	–	–	200
	68 nF	19,0 $\times$ 30,0 $\times$ 31,5	B32654-A2683-+***	–	–	180

Lead spacing 37,5 mm

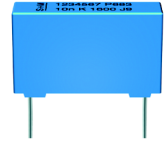
V_R (V_{rms} , $f \leq 1$ kHz)	C_R ¹⁾	Maximum dimensions $b \times h \times l$ (mm)	Ordering code + = cap. tolerance ¹⁾	Packing units (pcs)		
				Ammo pack	Reel	Untaped
1000 Vdc (500 Vac)	0,47 μF	14,0 $\times$ 25,0 $\times$ 41,5	B32656-A474-+	–	–	115
	0,68 μF	16,0 $\times$ 28,5 $\times$ 41,5	B32656-A684-+	–	–	100
	1,0 μF	20,0 $\times$ 39,5 $\times$ 41,5	B32656-A105-+	–	–	75
1250 Vdc (500 Vac)	0,33 μF	16,0 $\times$ 28,5 $\times$ 41,5	B32656-A7334-+	–	–	100
	0,47 μF	18,0 $\times$ 32,5 $\times$ 41,5	B32656-A7474-+	–	–	90
	0,68 μF	20,0 $\times$ 39,5 $\times$ 41,5	B32656-A7684-+	–	–	75

Customized capacitance ratings upon request.

1) Capacitance tolerance: $\pm 10\% \triangleq K$, $\pm 5\% \triangleq J$ ($\pm 3,5\%$ upon request)

2) The ordering code for untaped components ends after the tolerance code letter.

MFP Capacitors Boxed



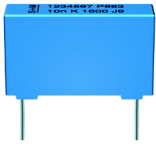
Lead spacing 15 mm

V_R (V_{rms} , $f \leq 1$ kHz)	C_R ¹⁾	Maximum dimensions $b \times h \times l$ (mm)	Ordering code + = cap. tolerance ¹⁾ *** = packing	Packing units (pcs)		
				Ammo pack *** = 289	Reel *** = 189	Untaped ²⁾
630 Vdc (300 Vac)	4,7 nF	5,0 × 10,5 × 18,0	B32682-A6472-+***	1170	1300	1000
	6,8 nF	5,0 × 10,5 × 18,0	B32682-A6682-+***	1170	1300	1000
	10 nF	5,0 × 10,5 × 18,0	B32682-A6103-+***	1170	1300	1000
	15 nF	6,0 × 11,0 × 18,0	B32682-A6153-+***	960	1100	1000
	22 nF	7,0 × 12,5 × 18,0	B32682-A6223-+***	830	900	1000
	33 nF	8,5 × 14,5 × 18,0	B32682-A6333-+***	680	700	500
	47 nF	9,0 × 17,5 × 18,0	B32682-A6473-+***	640	700	500
1000 Vdc (400 Vac)	3,3 nF	5,0 × 10,5 × 18,0	B32682-A332-+***	1170	1300	1000
	4,7 nF	6,0 × 11,0 × 18,0	B32682-A472-+***	960	1100	1000
	6,8 nF	7,0 × 12,5 × 18,0	B32682-A682-+***	830	900	1000
	10 nF	8,5 × 14,5 × 18,0	B32682-A103-+***	680	700	500
	15 nF	9,0 × 17,5 × 18,0	B32682-A153-+***	640	700	500
1250 Vdc (450 Vac)	2,2 nF	5,0 × 10,5 × 18,0	B32682-A7222-+***	1170	1300	1000
	3,3 nF	6,0 × 11,0 × 18,0	B32682-A7332-+***	960	1100	1000
	4,7 nF	7,0 × 12,5 × 18,0	B32682-A7472-+***	830	900	1000
	6,8 nF	8,5 × 14,5 × 18,0	B32682-A7682-+***	680	700	500
	10 nF	9,0 × 17,5 × 18,0	B32682-A7103-+***	640	700	500
1600 Vdc (450 Vac)	1,5 nF	5,0 × 10,5 × 18,0	B32682-A1152-+***	1170	1300	1000
	2,2 nF	6,0 × 11,0 × 18,0	B32682-A1222-+***	960	1100	1000
	3,3 nF	7,0 × 12,5 × 18,0	B32682-A1332-+***	830	900	1000
	4,7 nF	8,5 × 14,5 × 18,0	B32682-A1472-+***	680	700	500
	6,8 nF	9,0 × 17,5 × 18,0	B32682-A1682-+***	640	700	500
2000 Vdc (500 Vac)	0,10 nF	5,0 × 10,5 × 18,0	B32682-A2101-+***	1170	1300	1000
	0,15 nF	5,0 × 10,5 × 18,0	B32682-A2151-+***	1170	1300	1000
	0,22 nF	5,0 × 10,5 × 18,0	B32682-A2221-+***	1170	1300	1000
	0,33 nF	5,0 × 10,5 × 18,0	B32682-A2331-+***	1170	1300	1000
	0,47 nF	5,0 × 10,5 × 18,0	B32682-A2471-+***	1170	1300	1000
	0,68 nF	5,0 × 10,5 × 18,0	B32682-A2681-+***	1170	1300	1000
	1,0 nF	5,0 × 10,5 × 18,0	B32682-A2102-+***	1170	1300	1000
	1,5 nF	6,0 × 11,0 × 18,0	B32682-A2152-+***	960	1100	1000
	2,2 nF	7,0 × 12,5 × 18,0	B32682-A2222-+***	830	900	1000
	3,3 nF	8,5 × 14,5 × 18,0	B32682-A2332-+***	680	700	500
	4,7 nF	9,0 × 17,5 × 18,0	B32682-A2472-+***	640	700	500

Customized capacitance ratings upon request.

1) Capacitance tolerance: $\pm 10\% \triangleq K$, $\pm 5\% \triangleq J$ ($\pm 3,5\%$ upon request)

2) The ordering code for untaped components ends after the tolerance code letter.



MFP Capacitors Boxed

Lead spacing 22,5 mm

V_R (V_{rms} , $f \leq 1$ kHz)	C_R ¹⁾	Maximum dimensions $b \times h \times l$ (mm)	Ordering code + = cap. tolerance ¹⁾ *** = packing	Packing units (pcs)		
				Ammo pack *** = 289	Reel *** = 189	Untaped ²⁾
630 Vdc (300 Vac)	33 nF	6,0 × 15,0 × 26,5	B32683-A6333-+***	680	700	720
	47 nF	7,0 × 16,0 × 26,5	B32683-A6473-+***	580	600	630
	68 nF	8,5 × 16,5 × 26,5	B32683-A6683-+***	480	500	510
	0,10 µF	10,5 × 16,5 × 26,5	B32683-A6104-+***	390	400	540
	0,15 µF	11,0 × 20,5 × 26,5	B32683-A6154-+***	370	350	510
1000 Vdc (400 Vac)	10 nF	6,0 × 15,0 × 26,5	B32683-A103-+***	680	700	720
	15 nF	6,0 × 15,0 × 26,5	B32683-A153-+***	680	700	720
	22 nF	7,0 × 16,0 × 26,5	B32683-A223-+***	580	600	630
	33 nF	8,5 × 16,5 × 26,5	B32683-A333-+***	480	500	510
	47 nF	10,5 × 18,5 × 26,5	B32683-A473-+***	390	400	610
1250 Vdc (450 Vac)	10 nF	6,0 × 15,0 × 26,5	B32683-A7103-+***	680	700	720
	15 nF	7,0 × 16,0 × 26,5	B32683-A7153-+***	580	600	630
	22 nF	8,5 × 16,5 × 26,5	B32683-A7223-+***	480	500	510
	33 nF	10,5 × 18,5 × 26,5	B32683-A7333-+***	390	400	540
1600 Vdc (450 Vac)	6,8 nF	6,0 × 15,0 × 26,5	B32683-A1682-+***	680	700	720
	10 nF	7,0 × 16,0 × 26,5	B32683-A1103-+***	580	600	630
	15 nF	8,5 × 16,5 × 26,5	B32683-A1153-+***	480	500	510
	22 nF	10,5 × 18,5 × 26,5	B32683-A1223-+***	390	400	610
2000 Vdc (500 Vac)	2,2 nF	6,0 × 15,0 × 26,5	B32683-A2222-+***	680	700	720
	3,3 nF	6,0 × 15,0 × 26,5	B32683-A2332-+***	680	700	720
	4,7 nF	7,0 × 16,0 × 26,5	B32683-A2472-+***	580	600	630
	6,8 nF	8,5 × 16,5 × 26,5	B32683-A2682-+***	480	500	510
	10 nF	10,5 × 16,5 × 26,5	B32683-A2103-+***	390	400	540
	15 nF	11,0 × 20,5 × 26,5	B32683-A2153-+***	370	350	510

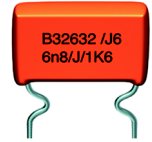
Lead spacing 27,5 mm

V_R (V_{rms} , $f \leq 1$ kHz)	C_R ¹⁾	Maximum dimensions $b \times h \times l$ (mm)	Ordering code + = cap. tolerance ¹⁾ *** = packing	Packing units (pcs)		
				Ammo pack	Reel *** = 189	Untaped ²⁾
630 Vdc (300 Vac)	0,15 µF	11,0 × 21,0 × 31,5	B32684-A6154-+***	–	350	320
	0,22 µF	12,5 × 21,5 × 31,5	B32684-A6224-+***	–	300	280
	0,33 µF	15,0 × 24,5 × 31,5	B32684-A6334-+	–	–	240
	0,47 µF	18,0 × 27,5 × 31,5	B32684-A6474-+	–	–	200
1000 Vdc (400 Vac)	68 nF	11,0 × 21,0 × 31,5	B32684-A683-+***	–	350	320
	0,10 µF	12,5 × 21,5 × 31,5	B32684-A104-+***	–	300	280
	0,15 µF	18,0 × 27,5 × 31,5	B32684-A154-+	–	–	200
1250 Vdc (450 Vac)	47 nF	11,0 × 21,0 × 31,5	B32684-A7473-+***	–	350	320
	68 nF	13,5 × 23,0 × 31,5	B32684-A7683-+***	–	250	260
	0,10 µF	15,0 × 24,5 × 31,5	B32684-A7104-+	–	–	240
	0,15 µF	19,0 × 30,0 × 31,5	B32684-A7154-+	–	–	180
1600 Vdc (450 Vac)	33 nF	11,0 × 21,0 × 31,5	B32684-A1333-+***	–	350	320
	47 nF	12,5 × 21,5 × 31,5	B32684-A1473-+***	–	300	280
	68 nF	15,0 × 24,5 × 31,5	B32684-A1683-+	–	–	240
	0,10 µF	19,0 × 30,0 × 31,5	B32684-A1104-+	–	–	180
2000 Vdc (500 Vac)	15 nF	11,0 × 21,0 × 31,5	B32684-A2153-+***	–	350	320
	22 nF	11,0 × 21,0 × 31,5	B32684-A2223-+***	–	350	320
	33 nF	14,0 × 24,5 × 31,5	B32684-A2333-+	–	–	260
	47 nF	18,0 × 27,5 × 31,5	B32684-A2473-+	–	–	200

Customized capacitance ratings upon request.

- 1) Capacitance tolerance: $\pm 10\% \triangleq K$, $\pm 5\% \triangleq J$ ($\pm 3,5\%$ upon request)
 2) The ordering code for untaped components ends after the tolerance code letter.

MFP Capacitors Powder Dipped



Lead spacing 15 mm

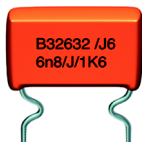
V_R (V_{rms} , $f \leq 1$ kHz)	C_R ¹⁾	Maximum dimensions $b \times h \times l$ (mm)	Ordering code + = cap. tolerance ¹⁾ *** = lead style	Packing units (pcs) Untaped
630 Vdc (300 Vac)	2,2 nF	6,0 × 11,5 × 19,0	B32632-A6222-+***	1000
	3,3 nF	6,0 × 11,5 × 19,0	B32632-A6332-+***	1000
	4,7 nF	6,0 × 11,5 × 19,0	B32632-A6472-+***	1000
	6,8 nF	6,0 × 11,5 × 19,0	B32632-A6682-+***	1000
	10 nF	6,0 × 11,5 × 19,0	B32632-A6103-+***	1000
	15 nF	7,0 × 12,0 × 19,0	B32632-A6153-+***	1000
	22 nF	8,0 × 13,5 × 19,0	B32632-A6223-+***	1000
	33 nF	9,5 × 15,5 × 19,0	B32632-A6333-+***	500
	47 nF	12,0 × 17,0 × 19,0	B32632-A6473-+***	500
1250 Vdc (450 Vac)	1,0 nF	6,5 × 11,5 × 19,0	B32632-A7102-+***	1000
	1,5 nF	6,5 × 11,5 × 19,0	B32632-A7152-+***	1000
	2,2 nF	6,5 × 12,0 × 19,0	B32632-A7222-+***	1000
	3,3 nF	7,0 × 12,5 × 19,0	B32632-A7332-+***	1000
	4,7 nF	7,0 × 12,5 × 19,0	B32632-A7472-+***	1000
	6,8 nF	7,5 × 14,0 × 19,0	B32632-A7682-+***	1000
	10 nF	9,0 × 15,5 × 19,0	B32632-A7103-+***	500
	15 nF	12,0 × 16,5 × 19,0	B32632-A7153-+***	500
1600 Vdc (450 Vac)	0,33 nF	6,0 × 11,5 × 19,0	B32632-A1331-+***	1000
	0,47 nF	6,0 × 11,5 × 19,0	B32632-A1471-+***	1000
	0,68 nF	6,0 × 11,5 × 19,0	B32632-A1681-+***	1000
	1,0 nF	6,0 × 11,5 × 19,0	B32632-A1102-+***	1000
	1,5 nF	6,0 × 11,5 × 19,0	B32632-A1152-+***	1000
	2,2 nF	7,0 × 12,0 × 19,0	B32632-A1222-+***	1000
	3,3 nF	8,0 × 13,5 × 19,0	B32632-A1332-+***	1000
	4,7 nF	9,5 × 15,5 × 19,0	B32632-A1472-+***	1000
	6,8 nF	10,5 × 16,0 × 19,0	B32632-A1682-+***	500
	10 nF	12,5 × 17,5 × 19,0	B32632-A1103-+***	500
2000 Vdc (500 Vac)	0,22 nF	6,5 × 11,5 × 19,0	B32632-A2221-+***	1000
	0,33 nF	6,5 × 11,5 × 19,0	B32632-A2331-+***	1000
	0,47 nF	6,5 × 11,5 × 19,0	B32632-A2471-+***	1000
	0,68 nF	6,5 × 12,5 × 19,0	B32632-A2681-+***	1000
	1,0 nF	6,5 × 12,5 × 19,0	B32632-A2102-+***	1000
	1,5 nF	6,5 × 12,5 × 19,0	B32632-A2152-+***	1000
	2,2 nF	7,0 × 13,5 × 19,0	B32632-A2222-+***	500
	3,3 nF	8,5 × 15,0 × 19,0	B32632-A2332-+***	500
	4,7 nF	10,5 × 16,0 × 19,0	B32632-A2472-+***	500
	6,8 nF	12,5 × 17,5 × 19,0	B32632-A2682-+***	500

Customized capacitance ratings upon request.

Available lead styles

Lead spacing	Enlarged, standard or reduced lead spacings and assigned code numbers				
	7,5 mm	10 mm	12,5 mm	15,0 mm	17,5 mm
15 mm (lead length 6 mm)	030	040	050	010	060
15 mm (lead length 20 mm)				011	
Double crimped version (lead length 6 mm)				020	

1) Capacitance tolerance: $\pm 10\% \triangleq K$, $\pm 5\% \triangleq J$, $\pm 3,5\% \triangleq A$ ($\pm 2,5\%$ upon request)



MFP Capacitors Powder Dipped

Lead spacing 22,5 mm

V_R (V_{rms} , $f \leq 1$ kHz)	C_R ¹⁾	Maximum dimensions $b \times h \times l$ (mm)	Ordering code + = cap. tolerance ¹⁾ *** = lead style	Packing units (pcs) Untaped
630 Vdc (300 Vac)	22 nF	6,5 × 12,5 × 27,5	B32633-A6223-+***	1000
	33 nF	7,0 × 15,0 × 27,5	B32633-A6333-+***	500
	47 nF	8,0 × 17,0 × 27,5	B32633-A6473-+***	500
	68 nF	9,5 × 17,5 × 27,5	B32633-A6683-+***	500
	0,10 µF	11,5 × 19,5 × 27,5	B32633-A6104-+***	250
1250 Vdc (450 Vac)	10 nF	7,0 × 15,0 × 27,5	B32633-A7103-+***	500
	15 nF	8,0 × 16,0 × 27,5	B32633-A7153-+***	500
	22 nF	10,0 × 17,5 × 27,5	B32633-A7223-+***	500
	33 nF	12,0 × 19,5 × 27,5	B32633-A7333-+***	250
	47 nF	14,0 × 21,0 × 27,5	B32633-A7473-+***	250
1600 Vdc (450 Vac)	3,3 nF	7,0 × 13,0 × 27,5	B32633-A1332-+***	1000
	4,7 nF	7,0 × 13,0 × 27,5	B32633-A1472-+***	1000
	6,8 nF	7,0 × 16,0 × 27,5	B32633-A1682-+***	500
	10 nF	8,0 × 17,0 × 27,5	B32633-A1103-+***	500
	15 nF	9,5 × 17,5 × 27,5	B32633-A1153-+***	250
	22 nF	11,5 × 19,5 × 27,5	B32633-A1223-+***	250
	33 nF	15,5 × 22,5 × 27,5	B32633-A1333-+***	250
2000 Vdc (500 Vac)	2,2 nF	7,0 × 14,0 × 27,5	B32633-A2222-+***	1000
	3,3 nF	7,0 × 14,0 × 27,5	B32633-A2332-+***	1000
	4,7 nF	7,0 × 15,5 × 27,5	B32633-A2472-+***	500
	6,8 nF	9,0 × 16,5 × 27,5	B32633-A2682-+***	500
	10 nF	10,5 × 17,5 × 27,5	B32633-A2103-+***	250
	15 nF	13,0 × 20,5 × 27,5	B32633-A2153-+***	250
	22 nF	15,5 × 22,5 × 27,5	B32633-A2223-+***	250
2500 Vdc (750 Vac)	1,0 nF	7,5 × 14,0 × 27,5	B32633-A3102-+***	1000
	1,5 nF	7,5 × 15,0 × 27,5	B32633-A3152-+***	1000
	2,2 nF	8,0 × 16,0 × 27,5	B32633-A3222-+***	500
	3,3 nF	9,5 × 16,0 × 27,5	B32633-A3332-+***	500
	4,7 nF	10,0 × 18,5 × 27,5	B32633-A3472-+***	500
	6,8 nF	12,0 × 20,5 × 27,5	B32633-A3682-+***	250
	10 nF	14,0 × 23,0 × 27,5	B32633-A3103-+***	250
	15 nF	17,0 × 26,0 × 27,5	B32633-A3153-+***	200

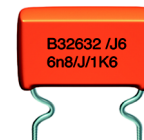
Customized capacitance ratings upon request.

Available lead styles

Lead spacing	Enlarged, standard or reduced lead spacings and assigned code numbers			
	17,5 mm	20 mm	22,5 mm	25 mm
22,5 mm (lead length 6 mm)	060	070	010	080
22,5 mm (lead length 20 mm)			011	
Double crimped version (lead length 6 mm)			020	

1) Capacitance tolerance: ± 10 % ≙ K, ± 5 % ≙ J, ± 3,5 % ≙ A (± 2,5 % upon request)

MFP Capacitors Powder Dipped



Lead spacing 27,5 mm

V_R (V_{rms} , $f \leq 1$ kHz)	C_R ¹⁾	Maximum dimensions $b \times h \times l$ (mm)	Ordering code + = cap. tolerance ¹⁾ *** = lead style	Packing units (pcs) Untaped
630 Vdc (300 Vac)	0,10 μF	9,5 $\times$ 18,0 $\times$ 32,5	B32634-A6104-+***	250
	0,15 μF	12,0 $\times$ 22,0 $\times$ 32,5	B32634-A6154-+***	200
	0,22 μF	13,5 $\times$ 22,5 $\times$ 32,5	B32634-A6224-+***	200
	0,33 μF	16,0 $\times$ 25,5 $\times$ 32,5	B32634-A6334-+***	150
1250 Vdc (450 Vac)	33 nF	9,5 $\times$ 18,0 $\times$ 32,5	B32634-A7333-+***	250
	47 nF	11,5 $\times$ 20,0 $\times$ 32,5	B32634-A7473-+***	250
	68 nF	13,0 $\times$ 23,0 $\times$ 32,5	B32634-A7683-+***	200
	0,10 μF	16,0 $\times$ 26,0 $\times$ 32,5	B32634-A7104-+***	150
1600 Vdc (450 Vac)	15 nF	8,5 $\times$ 17,0 $\times$ 32,5	B32634-A1153-+***	500
	22 nF	10,0 $\times$ 18,5 $\times$ 32,5	B32634-A1223-+***	250
	33 nF	12,0 $\times$ 22,0 $\times$ 32,5	B32634-A1333-+***	250
	47 nF	14,0 $\times$ 22,5 $\times$ 32,5	B32634-A1473-+***	200
	68 nF	16,0 $\times$ 25,5 $\times$ 32,5	B32634-A1683-+***	150
2000 Vdc (500 Vac)	10 nF	8,5 $\times$ 17,0 $\times$ 32,5	B32634-A2103-+***	500
	15 nF	10,0 $\times$ 20,0 $\times$ 32,5	B32634-A2153-+***	250
	22 nF	12,0 $\times$ 22,0 $\times$ 32,5	B32634-A2223-+***	250
	33 nF	15,0 $\times$ 25,0 $\times$ 32,5	B32634-A2333-+***	200

Customized capacitance ratings upon request.

Available lead styles

Lead spacing	Standard or reduced lead spacings and assigned code numbers	
	25 mm	27,5 mm
22,5 mm (lead length 6 mm)	090	010
22,5 mm (lead length 20 mm)		011
Double crimped version (lead length 6 mm)		020

1) Capacitance tolerance: $\pm 10\% \triangleq K$, $\pm 5\% \triangleq J$, $\pm 3,5\% \triangleq A$ ($\pm 2,5\%$ upon request)