Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Film Capacitors

Metallized Polypropylene Film Capacitors (MKP)

Series/Type: **B32651 ... B32658**

Date: March 2017

EPCOS AG is a TDK Group Company.

Typical applications
- Electronic ballasts
- Switch-mode power supplies
- IGBT
- Snubbering

Climatic
- Max. operating temperature: 110 °C
- Climatic category (IEC 60068-1): 55/100/56

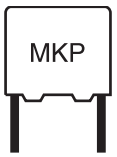
Construction
- Dielectric: polypropylene (PP)(MKP)
- Wound capacitor technology with internal series connection
- Plastic case (UL 94 V-0)
- Epoxy resin sealing (UL 94 V-0)

Features
- High pulse strength
- High contact reliability
- RoHS-compatible
- Very low inductance
- Halogen-free capacitors available on request

Terminals
- Parallel wire leads, lead-free tinned
- Special lead lengths available on request

Marking
Manufacturer's logo,
lot number (e ≤27.5 mm), series number (e.g. 651),
rated capacitance (coded), cap. tolerance (code letter),
rated DC voltage (AC voltage for 1600 V DC/700 V AC and 2000 V DC/1000 V AC),
date of manufacture (coded)

Delivery mode
Bulk (untaped)
Taped (Ammo pack or reel)
For notes on taping, refer to chapter "Taping and packing“.



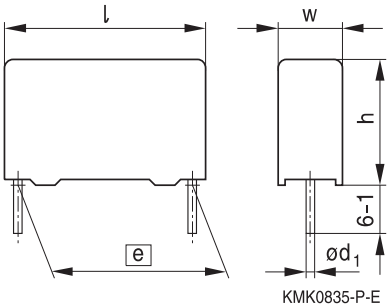
Dimensional drawings

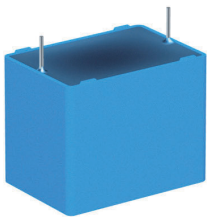
Number of wires	Lead spacing e ±0.4	Lead diameter d_1 ±0.05	Type	Drawing
2-pin	10	0.6	B32651	A1
2-pin	15	0.8	B32652	A1
2-pin	22.5	0.8	B32653	A1
2-pin	27.5	0.8	B32654	A1
2-pin	37.5	1.0	B32656A/J	A1
2-pin	37.5	1.0	B32656T	A2
4-pin	37.5	1.2	B32656G	B1
4-pin	52.5	1.2	B32658G	B1

(Dimensions in mm)

Dimensional drawings 2-pin versions

Drawing A1

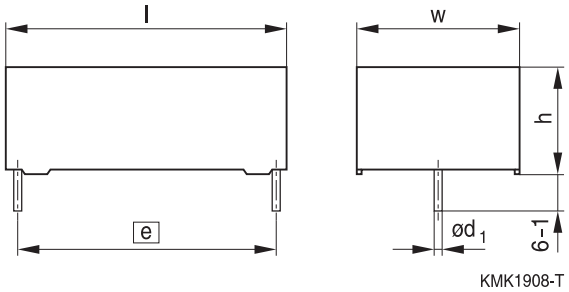


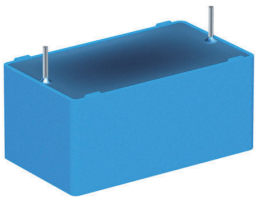


	B32651	B32652	B32653	B32654	B32656A/J
Lead spacing e ±0.4:	10	15	22.5	27.5	37.5
Lead diameter d_1:	0.6	0.8	0.8	0.8	1.0

(Dimensions in mm)

Drawing A2 (low profile)



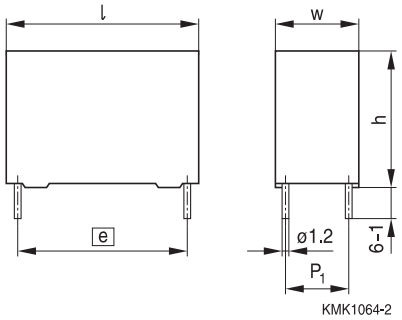


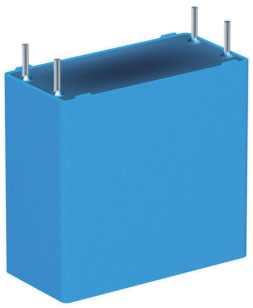
Lead spacing e ±0.4:	37.5
Lead diameter d_1:	1.0

(Dimensions in mm)

Dimensional drawings 4-pin versions

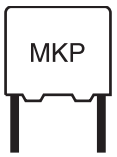
Drawing B1





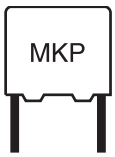
	B32656G	B32658G
Lead spacing e ±0.4:	37.5	52.5
Lead diameter d_1:	1.2	1.2

(Dimensions in mm)



Overview of available types

Lead spacing	10 mm
Type	B32651
Page	12
V_R (V DC)	1250
V_{RMS} (V AC)	450
C_R (nF)	
2.2	
3.3	
4.7	
6.8	

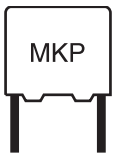


B32651 ... B32658

High pulse (wound)

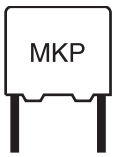
Overview of available types

Lead spacing	15 mm							
Type	B32652							
Page	13							
V_R (V DC)	250	400	630	1000	1250	1600	1600	2000
V_{RMS} (V AC)	160	200	250	250	500	500	700	700
C_R (nF)								
1.0								
1.5								
2.2								
3.3								
4.7								
5.6								
6.8								
10								
12								
15								
22								
33								
47								
56								
68								
100								
120								
150								
220								
330								
390								
470								
560								
680								
820								
1000								



Overview of available types

Lead spacing	22.5 mm							
Type	B32653							
Page	16							
V_R (V DC)	250	400	630	1000	1250	1600	2000	2000
V_{RMS} (V AC)	160	200	250	250	500	500	700	1000
C_R (nF)								
2.2								
3.3								
4.7								
6.8								
10								
12								
15								
22								
33								
47								
56								
68								
82								
100								
120								
150								
220								
330								
470								
560								
680								
1000								
1200								
1500								
2200								
3300								

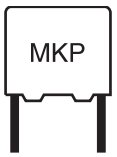


B32651 ... B32658

High pulse (wound)

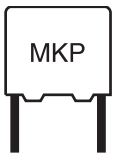
Overview of available types

Lead spacing	27.5 mm						
Type	B32654						
Page	19						
V_R (V DC)	250	400	630	1000	1250	1600	2000
V_{RMS} (V AC)	160	200	250	250	500	500	700
C_R (nF)							
22							
33							
47							
68							
82							
100							
150							
220							
330							
470							
560							
680							
820							
1000							
1200							
1500							
2200							
2700							
3300							
4700							
5600							
6800							
8200							



Overview of available types

Lead spacing	37.5 mm			
Type	B32656			
Page	21			
V_R (V DC)	250	400	630	750
V_{RMS} (V AC)	160	200	250	350
C_R (nF)				
470				
560				
680				
820				
1000				
1200				
1500				
1800				
2000				
2200				
2500				
2700				
3000				
3300				
3500				
4000				
4700				
5600				
6800				
7000				
7500				
8000				
10000				
12000				
14000				
15000				
17000				
20000				
24000				

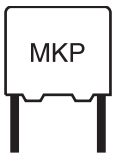


B32651 ... B32658

High pulse (wound)

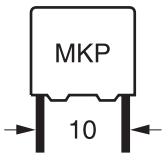
Overview of available types

Lead spacing	37.5 mm				
Type	B32656				
Page	24				
V_R (V DC)	850	1000	1250	1600	2000
V_{RMS} (V AC)	450	500	500	600	700
C_R (nF)					
68					
100					
120					
150					
220					
270					
330					
390					
470					
560					
680					
820					
900					
1000					
1200					
1500					
1800					
2200					
2500					
2700					
3000					
3300					
3800					



Overview of available types

Lead spacing	52.5 mm								
Type	B32658								
Page	28								
V_R (V DC)	250	400	630	750	850	1000	1250	1600	2000
V_{RMS} (V AC)	160	200	250	350	450	500	500	600	700
C_R (nF)									
680									
820									
1000									
1200									
1500									
2000									
2200									
2700									
3300									
4500									
4700									
5600									
6000									
6800									
9000									
12000									
15000									
20000									
26000									
30000									
40000									



B32651

High pulse (wound)

Ordering codes and packing units (lead spacing 10 mm)

V_R	V_{RMS} f ≤1 kHz	C_R	Max. dimensions w × h × l	Ordering code (composition see below)	Straight terminals, Ammo pack	Straight terminals, Reel	Straight terminals, Untaped
V DC[1)]	V AC	nF	mm		pcs./MOQ	pcs./MOQ	pcs./MOQ
1250	450	2.2	4.0 × 9.0 × 13.0	B32651A7222+***	4000	6800	4000
		3.3	5.0 × 11.0 × 13.0	B32651A7332+***	3320	5200	4000
		4.7	5.0 × 11.0 × 13.0	B32651A7472+***	3320	5200	4000
		6.8	6.0 × 12.0 × 13.0	B32651A7682+***	2720	4400	4000

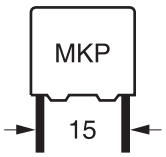
MOQ = Minimum Order Quantity, consisting of 4 packing units.
Further E series and intermediate capacitance values on request.

Composition of ordering code

+ = Capacitance tolerance code:
K = ±10%
J = ±5%

*** = Packaging code:
289 = Straight terminals, Ammo pack
189 = Straight terminals, Reel
000 = Straight terminals, Untaped (standard lead length 6 −1 mm)

1) For pulse loads (pulse width ≤ 1000 µs), a peak voltage of 1400 V_p can be permitted.



Ordering codes and packing units (lead spacing 15 mm)

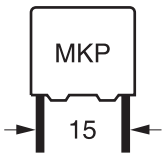
V_R	V_{RMS} f ≤1 kHz	C_R	Max. dimensions w × h × l	Ordering code (composition see below)	Straight terminals, Ammo pack pcs./MOQ	Straight terminals, Reel pcs./ MOQ	Straight terminals, Untaped pcs./ MOQ
V DC	V AC	nF	mm				
250	160	150	5.0 × 10.5 × 18.0	B32652A3154+***	4680	5200	4000
		220	6.0 × 11.0 × 18.0	B32652A3224+***	3840	4400	4000
		330	7.0 × 12.5 × 18.0	B32652A3334+***	3320	3600	1000
		470	8.5 × 14.5 × 18.0	B32652A3474+***	2720	2800	2000
		680	9.0 × 17.5 × 18.0	B32652A3684+***	2560	2800	2000
		820	11.0 × 18.5 × 18.0	B32652A3824+***	–	2200	1200
		1000	11.0 × 18.5 × 18.0	B32652A3105+***	–	2200	1200
400	200	68	5.0 × 10.5 × 18.0	B32652A4683+***	4680	5200	4000
		100	5.0 × 10.5 × 18.0	B32652A4104+***	4680	5200	4000
		150	6.0 × 11.0 × 18.0	B32652A4154+***	3840	4400	4000
		220	7.0 × 12.5 × 18.0	B32652A4224+***	3320	3600	4000
		330	8.5 × 14.5 × 18.0	B32652A4334+***	2720	2800	2000
		470	9.0 × 17.5 × 18.0	B32652A4474+***	2560	2800	2000
		560	11.0 × 18.5 × 18.0	B32652A4564+***	–	2200	1200
		680	11.0 × 18.5 × 18.0	B32652A4684+***	–	2200	1200
630	250	33	5.0 × 10.5 × 18.0	B32652A6333+***	4680	5200	4000
		47	5.0 × 10.5 × 18.0	B32652A6473+***	4680	2800	4000
		68	6.0 × 11.0 × 18.0	B32652A6683+***	3840	4400	4000
		100	7.0 × 12.5 × 18.0	B32652A6104+***	3320	3600	4000
		150	8.5 × 14.5 × 18.0	B32652A6154+***	2720	2800	2000
		220	9.0 × 17.5 × 18.0	B32652A6224+***	2560	2800	2000
		330	11.0 × 18.5 × 18.0	B32652A6334+***	–	2200	1200
		390	11.0 × 18.5 × 18.0	B32652A6394+***	–	2200	1200

MOQ = Minimum Order Quantity, consisting of 4 packing units.
Further E series and intermediate capacitance values on request.

Composition of ordering code

+ = Capacitance tolerance code:
K = ±10%
J = ±5%

*** = Packaging code:
289 = Straight terminals, Ammo pack
189 = Straight terminals, Reel
000 = Straight terminals, Untaped (standard lead length 6 −1 mm)



B32652

High pulse (wound)

Ordering codes and packing units (lead spacing 15 mm)

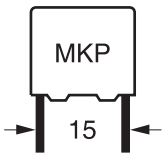
V_R	V_{RMS} f ≤1 kHz	C_R	Max. dimensions w × h × l	Ordering code (composition see below)	Straight terminals, Ammo pack pcs./MOQ	Straight terminals, Reel pcs./ MOQ	Straight terminals, Untaped pcs./ MOQ
V DC	V AC	nF	mm				
1000	250	10	5.0 × 10.5 × 18.0	B32652A0103+***	4680	5200	4000
		15	5.0 × 10.5 × 18.0	B32652A0153+***	4680	5200	4000
		22	5.0 × 10.5 × 18.0	B32652A0223+***	4680	5200	4000
		33	6.0 × 11.0 × 18.0	B32652A0333+***	3840	4400	4000
		47	7.0 × 12.5 × 18.0	B32652A0473+***	3320	3600	4000
		68	8.5 × 14.5 × 18.0	B32652A0683+***	2720	2800	2000
		100	9.0 × 17.5 × 18.0	B32652A0104+***	2560	2800	2000
		120	11.0 × 18.5 × 18.0	B32652A0124+***	–	2200	1200
		150	11.0 × 18.5 × 18.0	B32652A0154+***	–	2200	1200
1250	500	6.8	5.0 × 10.5 × 18.0	B32652A7682+***	4680	5200	4000
		10	6.0 × 11.0 × 18.0	B32652A7103+***	3840	4400	4000
		15	7.0 × 12.5 × 18.0	B32652A7153+***	3320	3600	4000
		22	8.5 × 14.5 × 18.0	B32652A7223+***	2720	2800	2000
		33	9.0 × 17.5 × 18.0	B32652A7333+***	2560	2800	2000
		47	11.0 × 18.5 × 18.0	B32652A7473+***	–	2200	1200
		56	11.0 × 18.5 × 18.0	B32652A7563+***	–	2200	1200
1600	500	3.3	5.0 × 10.5 × 18.0	B32652A1332+***	4680	5200	4000
		4.7	6.0 × 11.0 × 18.0	B32652A1472+***	3840	4400	4000
		6.8	7.0 × 12.5 × 18.0	B32652A1682+***	3320	3600	4000
		10	8.5 × 14.5 × 18.0	B32652A1103+***	2720	2800	2000
		15	9.0 × 17.5 × 18.0	B32652A1153+***	2560	2800	2000
		22	11.0 × 18.5 × 18.0	B32652A1223+***	–	2200	1200
1600	700	2.2	5.0 × 10.5 × 18.0	B32652J1222+***	4680	5200	4000
		3.3	6.0 × 11.0 × 18.0	B32652J1332+***	3840	4400	4000
		4.7	7.0 × 12.5 × 18.0	B32652J1472+***	3320	3600	4000
		6.8	8.5 × 14.5 × 18.0	B32652J1682+***	2720	2800	2000
		10	9.0 × 17.5 × 18.0	B32652J1103+***	2560	2800	2000
		12	9.0 × 17.5 × 18.0	B32652J1123+***	2560	2800	2000
		15	11.0 × 18.5 × 18.0	B32652J1153+***	–	2200	1200

MOQ = Minimum Order Quantity, consisting of 4 packing units.
Further E series and intermediate capacitance values on request.

Composition of ordering code

+ = Capacitance tolerance code:
- K = ±10%
- J = ±5%

*** = Packaging code:
- 289 = Straight terminals, Ammo pack
- 189 = Straight terminals, Reel
- 000 = Straight terminals, Untaped (standard lead length 6 −1 mm)



Ordering codes and packing units (lead spacing 15 mm)

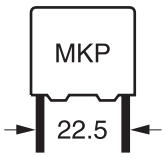
V_R	V_{RMS} f ≤1 kHz	C_R	Max. dimensions w × h × l	Ordering code (composition see below)	Straight terminals, Ammo pack pcs./MOQ	Straight terminals, Reel pcs./ MOQ	Straight terminals, Untaped pcs./ MOQ
V DC	V AC	nF	mm				
2000	700	1.0	5.0 × 10.5 × 18.0	B32652A2102+***	4680	5200	4000
		1.5	6.0 × 11.0 × 18.0	B32652A2152+***	3840	4400	4000
		2.2	7.0 × 12.5 × 18.0	B32652A2222+***	3320	3600	4000
		3.3	8.5 × 14.5 × 18.0	B32652A2332+***	2720	2800	2000
		4.7	9.0 × 17.5 × 18.0	B32652A2472+***	2560	2800	2000
		5.6	9.0 × 17.5 × 18.0	B32652A2562+***	–	2200	1000
		6.8	11.0 × 18.5 × 18.0	B32652A2682+***	–	2200	1200

MOQ = Minimum Order Quantity, consisting of 4 packing units.
Further E series and intermediate capacitance values on request.

Composition of ordering code

+ = Capacitance tolerance code:
K = ±10%
J = ±5%

*** = Packaging code:
289 = Straight terminals, Ammo pack
189 = Straight terminals, Reel
000 = Straight terminals, Untaped (standard lead length 6 −1 mm)



B32653

High pulse (wound)

Ordering codes and packing units (lead spacing 22.5 mm)

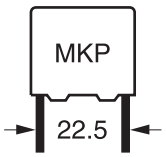
V_R	V_{RMS} f ≤1 kHz	C_R	Max. dimensions w × h × l	Ordering code (composition see below)	Straight terminals, Ammo pack pcs./MOQ	Straight terminals, Reel pcs./ MOQ	Straight terminals, Untaped pcs./ MOQ
V DC	V AC	nF	mm				
250	160	220	6.0 × 15.0 × 26.5	B32653A3224+***	2720	2800	2880
		330	6.0 × 15.0 × 26.5	B32653A3334+***	2720	2800	2880
		470	7.0 × 16.0 × 26.5	B32653A3474+***	2320	2400	2520
		680	8.5 × 16.5 × 26.5	B32653A3684+***	1920	2000	2040
		1000	10.5 × 16.5 × 26.5	B32653A3105+***	1560	1600	2160
		1200	10.5 × 18.5 × 26.5	B32653A3125+***	1560	1600	2160
		1500	11.0 × 20.5 × 26.5	B32653A3155+***	1480	1400	2040
		2200	14.5 × 29.5 × 26.5	B32653A3225+000	–	–	1040
		3300	14.5 × 29.5 × 26.5	B32653A3335+000	–	–	1040
400	200	150	6.0 × 15.0 × 26.5	B32653A4154+***	2720	2800	2880
		220	6.0 × 15.0 × 26.5	B32653A4224+***	2720	2800	2880
		330	7.0 × 16.0 × 26.5	B32653A4334+***	2320	2400	2520
		470	8.5 × 16.5 × 26.5	B32653A4474+***	1920	2000	2040
		680	10.5 × 16.5 × 26.5	B32653A4684+***	1560	1600	2160
		1000	11.0 × 20.5 × 26.5	B32653A4105+***	1480	1400	2040
		1200	12.0 × 22.0 × 26.5	B32653A4125+000	–	–	1800
		1500	14.5 × 29.5 × 26.5	B32653A4155+000	–	–	1040
		2200	14.5 × 29.5 × 26.5	B32653A4225+000	–	–	1040
630	250	100	6.0 × 15.0 × 26.5	B32653A6104+***	2720	2800	2880
		150	6.0 × 15.0 × 26.5	B32653A6154+***	2720	2800	2880
		220	8.5 × 16.5 × 26.5	B32653A6224+***	1920	2000	2040
		330	10.5 × 16.5 × 26.5	B32653A6334+***	1560	1600	2160
		470	11.0 × 20.5 × 26.5	B32653A6474+***	1480	1400	2040
		560	11.0 × 20.5 × 26.5	B32653A6564+***	1480	1400	2040
		680	14.5 × 29.5 × 26.5	B32653A6684+000	–	–	1040
		1000	14.5 × 29.5 × 26.5	B32653A6105+000	–	–	1040
		1200	14.5 × 29.5 × 26.5	B32653A6125+000	–	–	1040

MOQ = Minimum Order Quantity, consisting of 4 packing units.
Further E series and intermediate capacitance values on request.

Composition of ordering code

+ = Capacitance tolerance code:
- K = ±10%
- J = ±5%

*** = Packaging code:
- 289 = Straight terminals, Ammo pack
- 189 = Straight terminals, Reel
- 000 = Straight terminals, Untaped (standard lead length 6 −1 mm)



Ordering codes and packing units (lead spacing 22.5 mm)

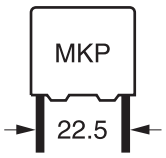
V_R	V_{RMS} f ≤1 kHz	C_R	Max. dimensions w × h × l	Ordering code (composition see below)	Straight terminals, Ammo pack pcs./MOQ	Straight terminals, Reel pcs./ MOQ	Straight terminals, Untaped pcs./ MOQ
V DC	V AC	nF	mm				
1000	250	33	6.0 × 15.0 × 26.5	B32653A0333+***	2720	2800	2880
		47	6.0 × 15.0 × 26.5	B32653A0473+***	2720	2800	2880
		68	6.0 × 15.0 × 26.5	B32653A0683+***	2720	2800	2880
		100	8.5 × 16.5 × 26.5	B32653A0104+***	1920	2000	2040
		150	10.5 × 16.5 × 26.5	B32653A0154+***	1560	1600	2160
		220	11.0 × 20.5 × 26.5	B32653A0224+***	1480	1400	2040
		330	14.5 × 29.5 × 26.5	B32653A0334+000	–	–	2160
		470	14.5 × 29.5 × 26.5	B32653A0474+000	–	–	2160
		560	14.5 × 29.5 × 26.5	B32653A0564+000	–	–	2160
1250	500	22	6.0 × 15.0 × 26.5	B32653A7223+***	2720	2800	2880
		33	6.0 × 15.0 × 26.5	B32653A7333+***	2720	2800	2880
		47	8.5 × 16.5 × 26.5	B32653A7473+***	1920	2000	2040
		68	10.5 × 16.5 × 26.5	B32653A7683+***	1560	1600	2160
		100	11.0 × 20.5 × 26.5	B32653A7104+***	1480	1400	2040
		120	12.0 × 22.0 × 26.5	B32653A7124+000	–	–	1800
		150	14.5 × 29.5 × 26.5	B32653A7154+000	–	–	1040
		220	14.5 × 29.5 × 26.5	B32653A7224+000	–	–	1040
1600	500	6.8	6.0 × 15.0 × 26.5	B32653A1682+***	2720	2800	2880
		10	6.0 × 15.0 × 26.5	B32653A1103+***	2720	2800	2880
		15	7.0 × 16.0 × 26.5	B32653A1153+***	2320	2400	2520
		22	8.5 × 16.5 × 26.5	B32653A1223+***	1920	2000	2040
		33	10.5 × 16.5 × 26.5	B32653A1333+***	1560	1600	2160
		47	11.0 × 20.5 × 26.5	B32653A1473+***	1480	1400	2040
		56	12.0 × 22.0 × 26.5	B32653A1563+000	–	–	1800
		68	14.5 × 29.5 × 26.5	B32653A1683+000	–	–	1040
		82	14.5 × 29.5 × 26.5	B32653A1823+000	–	–	1040
		100	14.5 × 29.5 × 26.5	B32653A1104+000	–	–	1040

MOQ = Minimum Order Quantity, consisting of 4 packing units.
Further E series and intermediate capacitance values on request.

Composition of ordering code

+ = Capacitance tolerance code:
K = ±10%
J = ±5%

*** = Packaging code:
289 = Straight terminals, Ammo pack
189 = Straight terminals, Reel
000 = Straight terminals, Untaped (standard lead length 6 −1 mm)



B32653

High pulse (wound)

Ordering codes and packing units (lead spacing 22.5 mm)

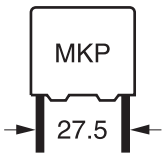
V_R	V_{RMS} f ≤1 kHz	C_R	Max. dimensions w × h × l	Ordering code (composition see below)	Straight terminals, Ammo pack pcs./MOQ	Straight terminals, Reel pcs./ MOQ	Straight terminals, Untaped pcs./ MOQ
V DC	V AC	nF	mm				
2000	700	3.3	6.0 × 15.0 × 26.5	B32653A2332+***	2720	2800	2880
		4.7	6.0 × 15.0 × 26.5	B32653A2472+***	2720	2800	2880
		6.8	8.5 × 16.5 × 26.5	B32653A2682+***	1920	2000	2040
		10	10.5 × 16.5 × 26.5	B32653A2103+***	1560	1600	2160
		15	11.0 × 20.5 × 26.5	B32653A2153+***	1480	1400	2040
		22	14.5 × 29.5 × 26.5	B32653A2223+000	–	–	2160
		33	14.5 × 29.5 × 26.5	B32653A2333+000	–	–	2160
2000	1000	2.2	6.0 × 15.0 × 26.5	B32653A8222+***	2720	2800	2880
		3.3	6.0 × 15.0 × 26.5	B32653A8332+***	2720	2800	2880
		4.7	8.5 × 16.5 × 26.5	B32653A8472+***	1920	2000	2040
		6.8	10.5 × 16.5 × 26.5	B32653A8682+***	1560	1600	2160
		10	10.5 × 20.5 × 26.5	B32653A8103+***	1560	1600	2160
		12	12.0 × 22.0 × 26.5	B32653A8123+000	–	–	1800
		15	14.5 × 29.5 × 26.5	B32653A8153+000	–	–	2160
		22	14.5 × 29.5 × 26.5	B32653A8223+000	–	–	2160

MOQ = Minimum Order Quantity, consisting of 4 packing units.
Further E series and intermediate capacitance values on request.

Composition of ordering code

+ = Capacitance tolerance code:
- K = ±10%
- J = ±5%

*** = Packaging code:
- 289 = Straight terminals, Ammo pack
- 189 = Straight terminals, Reel
- 000 = Straight terminals, Untaped (standard lead length 6 −1 mm)



Ordering codes and packing units (lead spacing 27.5 mm)

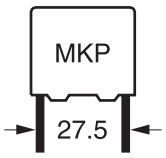
V_R V DC	V_{RMS} f ≤1 kHz V AC	C_R nF	Max. dimensions w × h × l mm	Ordering code (composition see below)	Straight terminals, Ammo pack pcs./MOQ	Straight terminals, Reel pcs./ MOQ	Straight terminals, Untaped pcs./ MOQ
250	160	1500	11.0 × 21.0 × 31.5	B32654A3155+***	–	1400	1280
		2200	12.5 × 21.5 × 31.5	B32654A3225+***	–	1200	1120
		3300	15.0 × 24.5 × 31.5	B32654A3335+000	–	–	960
		4700	18.0 × 27.5 × 31.5	B32654A3475+000	–	–	800
		5600	19.0 × 30.0 × 31.5	B32654A3565+000	–	–	720
		6800	22.0 × 36.5 × 31.5	B32654A3685+000	–	–	640
		8200	22.0 × 36.5 × 31.5	B32654A3825+000	–	–	640
400	200	1000	11.0 × 21.0 × 31.5	B32654A4105+***	–	1400	1280
		1500	12.5 × 21.5 × 31.5	B32654A4155+***	–	1200	1120
		2200	14.0 × 24.5 × 31.5	B32654A4225+***	–	1000	1040
		3300	19.0 × 30.0 × 31.5	B32654A4335+000	–	–	720
		4700	22.0 × 36.5 × 31.5	B32654A4475+000	–	–	640
		5600	22.0 × 36.5 × 31.5	B32654A4565+000	–	–	640
630	250	680	11.0 × 21.0 × 31.5	B32654A6684+***	–	1400	1280
		1000	13.5 × 23.0 × 31.5	B32654A6105+***	–	1000	1040
		1500	18.0 × 27.5 × 31.5	B32654A6155+000	–	–	800
		2200	18.0 × 33.0 × 31.5	B32654A6225+000	–	–	800
		2700	22.0 × 36.5 × 31.5	B32654A6275+000	–	–	640
		3300	22.0 × 36.5 × 31.5	B32654A6335K000	–	–	640
1000	250	220	11.0 × 21.0 × 31.5	B32654A0224+***	–	1400	1280
		330	11.0 × 21.0 × 31.5	B32654A0334+***	–	1400	1280
		470	14.0 × 24.5 × 31.5	B32654A0474+***	–	1000	1040
		680	18.0 × 27.5 × 31.5	B32654A0684+000	–	–	800
		820	19.0 × 30.0 × 31.5	B32654A0824+000	–	–	720
		1000	21.0 × 31.0 × 31.5	B32654A0105+000	–	–	720
		1200	22.0 × 36.5 × 31.5	B32654A0125+000	–	–	640
		1500	22.0 × 36.5 × 31.5	B32654A0155K000	–	–	640

MOQ = Minimum Order Quantity, consisting of 4 packing units.
Further E series and intermediate capacitance values on request.

Composition of ordering code

+ = Capacitance tolerance code:
K = ±10%
J = ±5%

*** = Packaging code:
189 = Straight terminals, Reel
000 = Straight terminals, Untaped (standard lead length 6 −1 mm)



B32654

High pulse (wound)

Ordering codes and packing units (lead spacing 27.5 mm)

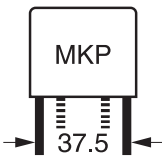
V_R	V_{RMS} f ≤1 kHz	C_R	Max. dimensions w × h × l	Ordering code (composition see below)	Straight terminals, Ammo pack pcs./MOQ	Straight terminals, Reel pcs./ MOQ	Straight terminals, Untaped pcs./ MOQ
V DC	V AC	nF	mm				
1250	500	100	11.0 × 21.0 × 31.5	B32654A7104+***	–	1400	1280
		150	11.0 × 21.0 × 31.5	B32654A7154+***	–	1400	1280
		220	14.0 × 24.5 × 31.5	B32654A7224+***	–	1000	1040
		330	18.0 × 27.5 × 31.5	B32654A7334+000	–	–	800
		470	21.0 × 31.0 × 31.5	B32654A7474+000	–	–	720
		560	22.0 × 36.5 × 31.5	B32654A7564+000	–	–	640
		680	22.0 × 36.5 × 31.5	B32654A7684+000	–	–	640
1600	500	47	11.0 × 21.0 × 31.5	B32654A1473+***	–	1400	1280
		68	11.0 × 21.0 × 31.5	B32654A1683+***	–	1400	1280
		100	14.0 × 24.5 × 31.5	B32654A1104+***	–	1000	1040
		150	18.0 × 27.5 × 31.5	B32654A1154+000	–	–	800
		220	21.0 × 31.0 × 31.5	B32654A1224+000	–	–	784
2000	700	22	11.0 × 21.0 × 31.5	B32654A2223+***	–	1400	1280
		33	13.5 × 23.0 × 31.5	B32654A2333+***	–	1000	1040
		47	18.0 × 27.5 × 31.5	B32654A2473+000	–	–	800
		68	19.0 × 30.0 × 31.5	B32654A2683+000	–	–	720
		82	22.0 × 36.5 × 31.5	B32654A2823+000	–	–	640
		100	22.0 × 36.5 × 31.5	B32654A2104+000	–	–	640

MOQ = Minimum Order Quantity, consisting of 4 packing units.
Further E series and intermediate capacitance values on request.

Composition of ordering code

+ = Capacitance tolerance code:
K = ±10%
J = ±5%

*** = Packaging code:
189 = Straight terminals, Reel
000 = Straight terminals, Untaped (standard lead length 6 −1 mm)



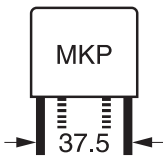
Ordering codes and packing units (lead spacing 37.5 mm)

V_R V DC	V_{RMS} f ≤1 kHz V AC	C_R nF	Max. dimensions w × h × l mm	P_1 mm	Ordering code (composition see below)	Straight terminals, Untaped pcs./MOQ
250	160	2700	12.0 × 22.0 × 42.0	–	B32656A3275+000	1620
		3000	12.0 × 22.0 × 42.0	–	B32656A3305+000	1620
		3300	14.0 × 25.0 × 42.0	–	B32656A3335+000	1380
		4000	14.0 × 25.0 × 42.0	–	B32656A3405+000	1380
		4000	24.0 × 15.0 × 42.0	–	B32656T3405+000	1040
		4700	16.0 × 28.5 × 42.0	–	B32656A3475+000	800
		5600	16.0 × 28.5 × 42.0	–	B32656A3565+000	800
		5600	24.0 × 19.0 × 42.0	–	B32656T3565+000	780
		6800	18.0 × 32.5 × 42.0	–	B32656A3685+000	720
		8000	18.0 × 32.5 × 42.0	–	B32656A3805+000	720
		10000	20.0 × 39.5 × 42.0	10.2	B32656G3106+000	640
		10000	20.0 × 39.5 × 42.0	–	B32656A3106+000	640
		12000	20.0 × 39.5 × 42.0	10.2	B32656G3126K000	640
		12000	20.0 × 39.5 × 42.0	–	B32656A3126K000	640
		15000	28.0 × 37.0 × 42.0	10.2	B32656G3156K000	440
		15000	28.0 × 37.0 × 42.0	–	B32656A3156K000	440
		17000	28.0 × 42.5 × 42.0	10.2	B32656G3176+000	440
		17000	28.0 × 42.5 × 42.0	–	B32656A3176+000	440
		20000	30.0 × 45.0 × 42.0	20.3	B32656G3206+000	400
		20000	30.0 × 45.0 × 42.0	–	B32656A3206+000	400
		24000	33.0 × 48.0 × 42.0	20.3	B32656G3246+000	180
		24000	33.0 × 48.0 × 42.0	–	B32656A3246+000	180

MOQ = Minimum Order Quantity, consisting of 4 packing units.
Further E series and intermediate capacitance values on request.

Composition of ordering code

+ = Capacitance tolerance code:
K = ±10%
J = ±5%



B32656

High pulse (wound)

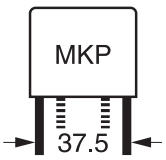
Ordering codes and packing units (lead spacing 37.5 mm)

V_R V DC	V_{RMS} f ≤1 kHz V AC	C_R nF	Max. dimensions w × h × l mm	P_1 mm	Ordering code (composition see below)	Straight terminals, Untaped pcs./MOQ
400	200	2000	12.0 × 22.0 × 42.0	–	B32656A4205+000	1620
		2700	14.0 × 25.0 × 42.0	–	B32656A4275+000	1380
		2700	24.0 × 15.0 × 42.0	–	B32656T4275+000	1040
		3500	24.0 × 19.0 × 42.0	–	B32656T4355+000	780
		4000	16.0 × 28.5 × 42.0	–	B32656A4405+000	800
		5600	18.0 × 32.5 × 42.0	–	B32656A4565+000	720
		7500	20.0 × 39.5 × 42.0	10.2	B32656G4755+000	640
		7500	20.0 × 39.5 × 42.0	–	B32656A4755+000	640
		10000	28.0 × 37.0 × 42.0	10.2	B32656G4106+000	440
		10000	28.0 × 37.0 × 42.0	–	B32656A4106+000	440
		12000	28.0 × 42.5 × 42.0	10.2	B32656G4126+000	440
		12000	28.0 × 42.5 × 42.0	–	B32656A4126+000	440
		14000	30.0 × 45.0 × 42.0	20.3	B32656G4146+000	400
		14000	30.0 × 45.0 × 42.0	–	B32656A4146+000	400
		17000	33.0 × 48.0 × 42.0	20.3	B32656G4176+000	180
		17000	33.0 × 48.0 × 42.0	–	B32656A4176+000	180
630	250	1000	12.0 × 22.0 × 42.0	–	B32656A6105+000	1620
		1500	14.0 × 25.0 × 42.0	–	B32656A6155+000	1380
		1500	24.0 × 15.0 × 42.0	–	B32656T6155+000	1040
		2200	16.0 × 28.5 × 42.0	–	B32656A6225+000	800
		2200	24.0 × 19.0 × 42.0	–	B32656T6225+000	780
		3000	18.0 × 32.5 × 42.0	–	B32656A6305+000	720
		4000	20.0 × 39.5 × 42.0	10.2	B32656G6405+000	640
		4000	20.0 × 39.5 × 42.0	–	B32656A6405+000	640
		5600	28.0 × 37.0 × 42.0	10.2	B32656G6565+000	440
		5600	28.0 × 37.0 × 42.0	–	B32656A6565+000	440
		7000	28.0 × 42.5 × 42.0	10.2	B32656G6705K000	440
		7000	28.0 × 42.5 × 42.0	–	B32656A6705K000	440
		8000	30.0 × 45.0 × 42.0	20.3	B32656G6805+000	400
		8000	30.0 × 45.0 × 42.0	–	B32656A6805+000	400
		10000	33.0 × 48.0 × 42.0	20.3	B32656G6106K000	180
		10000	33.0 × 48.0 × 42.0	–	B32656A6106K000	180

MOQ = Minimum Order Quantity, consisting of 4 packing units.
Further E series and intermediate capacitance values on request.

Composition of ordering code

+ = Capacitance tolerance code:
K = ±10%
J = ±5%



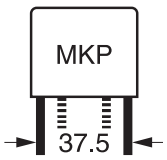
Ordering codes and packing units (lead spacing 37.5 mm)

V_R V DC	V_{RMS} f ≤1 kHz V AC	C_R nF	Max. dimensions w × h × l mm	P_1 mm	Ordering code (composition see below)	Straight terminals, Untaped pcs./MOQ
750	350	470	12.0 × 22.0 × 42.0	–	B32656A5474+000	1620
		560	12.0 × 22.0 × 42.0	–	B32656A5564+000	1620
		680	12.0 × 22.0 × 42.0	–	B32656A5684+000	1620
		820	14.0 × 25.0 × 42.0	–	B32656A5824+000	1380
		1000	16.0 × 28.5 × 42.0	–	B32656A5105+000	800
		1000	24.0 × 15.0 × 42.0	–	B32656T5105K000	1040
		1200	16.0 × 28.5 × 42.0	–	B32656A5125+000	800
		1200	24.0 × 19.0 × 42.0	–	B32656T5125+000	780
		1500	18.0 × 32.5 × 42.0	–	B32656A5155+000	720
		1800	18.0 × 32.5 × 42.0	–	B32656A5185+000	720
		2200	20.0 × 39.5 × 42.0	10.2	B32656G5225+000	640
		2200	20.0 × 39.5 × 42.0	–	B32656A5225+000	640
		2500	20.0 × 39.5 × 42.0	10.2	B32656G5255+000	640
		2500	20.0 × 39.5 × 42.0	–	B32656A5255+000	640
		2700	28.0 × 37.0 × 42.0	10.2	B32656G5275+000	440
		2700	28.0 × 37.0 × 42.0	–	B32656A5275+000	440
		3300	28.0 × 37.0 × 42.0	10.2	B32656G5335+000	440
		3300	28.0 × 37.0 × 42.0	–	B32656A5335+000	440
		4000	28.0 × 42.5 × 42.0	10.2	B32656G5405+000	440
		4000	28.0 × 42.5 × 42.0	–	B32656A5405+000	440
		4700	30.0 × 45.0 × 42.0	20.3	B32656G5475+000	400
		4700	30.0 × 45.0 × 42.0	–	B32656A5475+000	400
		5600	33.0 × 48.0 × 42.0	20.3	B32656G5565+000	180
		5600	33.0 × 48.0 × 42.0	–	B32656A5565+000	180

MOQ = Minimum Order Quantity, consisting of 4 packing units.
Further E series and intermediate capacitance values on request.

Composition of ordering code

+ = Capacitance tolerance code:
K = ±10%
J = ±5%



B32656

High pulse (wound)

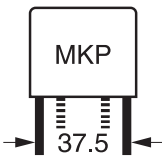
Ordering codes and packing units (lead spacing 37.5 mm)

V_R V DC	V_{RMS} f ≤1 kHz V AC	C_R nF	Max. dimensions w × h × l mm	P_1 mm	Ordering code (composition see below)	Straight terminals, Untaped pcs./MOQ
850	450	220	12.0 × 22.0 × 42.0	–	B32656A8224+000	1620
		330	12.0 × 22.0 × 42.0	–	B32656A8334+000	1620
		470	12.0 × 22.0 × 42.0	–	B32656A8474+000	1620
		680	16.0 × 28.5 × 42.0	–	B32656A8684+000	800
		680	24.0 × 15.0 × 42.0	–	B32656T8684+000	1040
		820	24.0 × 19.0 × 42.0	–	B32656T8824+000	780
		1000	18.0 × 32.5 × 42.0	–	B32656A8105+000	720
		1200	18.0 × 32.5 × 42.0	–	B32656A8125+000	720
		1500	20.0 × 39.5 × 42.0	10.2	B32656G8155+000	640
		1500	20.0 × 39.5 × 42.0	–	B32656A8155+000	640
		1800	20.0 × 39.5 × 42.0	10.2	B32656G8185+000	640
		1800	20.0 × 39.5 × 42.0	–	B32656A8185+000	640
		2200	28.0 × 37.0 × 42.0	10.2	B32656G8225+000	440
		2200	28.0 × 37.0 × 42.0	–	B32656A8225+000	440
		2500	28.0 × 42.5 × 42.0	10.2	B32656G8255+000	440
		2500	28.0 × 42.5 × 42.0	–	B32656A8255+000	440
		2700	30.0 × 45.0 × 42.0	20.3	B32656G8275+000	400
		2700	30.0 × 45.0 × 42.0	–	B32656A8275+000	400
		3000	30.0 × 45.0 × 42.0	20.3	B32656G8305+000	400
		3000	30.0 × 45.0 × 42.0	–	B32656A8305+000	400
		3300	33.0 × 48.0 × 42.0	20.3	B32656G8335+000	180
		3300	33.0 × 48.0 × 42.0	–	B32656A8335+000	180
		3800	33.0 × 48.0 × 42.0	20.3	B32656G8385+000	180
		3800	33.0 × 48.0 × 42.0	–	B32656A8385+000	180

MOQ = Minimum Order Quantity, consisting of 4 packing units.
Further E series and intermediate capacitance values on request.

Composition of ordering code

+ = Capacitance tolerance code:
K = ±10%
J = ±5%



Ordering codes and packing units (lead spacing 37.5 mm)

V_R V DC	V_{RMS} f ≤1 kHz V AC	C_R nF	Max. dimensions w × h × l mm	P_1 mm	Ordering code (composition see below)	Straight terminals, Untaped pcs./MOQ
1000	500	330	12.0 × 22.0 × 42.0	–	B32656A0334+000	1620
		470	14.0 × 25.0 × 42.0	–	B32656A0474+000	1380
		470	24.0 × 15.0 × 42.0	–	B32656T0474+000	1040
		680	16.0 × 28.5 × 42.0	–	B32656A0684+000	800
		680	24.0 × 19.0 × 42.0	–	B32656T0684+000	780
		1000	20.0 × 39.5 × 42.0	10.2	B32656G0105+000	640
		1000	20.0 × 39.5 × 42.0	–	B32656A0105+000	640
		1200	28.0 × 37.0 × 42.0	10.2	B32656G0125+000	440
		1200	28.0 × 37.0 × 42.0	–	B32656A0125+000	440
		1500	28.0 × 37.0 × 42.0	10.2	B32656G0155+000	440
		1500	28.0 × 37.0 × 42.0	–	B32656A0155+000	440
		2200	30.0 × 45.0 × 42.0	20.3	B32656G0225+000	400
		2200	30.0 × 45.0 × 42.0	–	B32656A0225+000	400
		2700	30.0 × 45.0 × 42.0	20.3	B32656G0275M000	400
		2700	30.0 × 45.0 × 42.0	–	B32656A0275M000	400
		2700	33.0 × 48.0 × 42.0	20.3	B32656G0275+000	180
		2700	33.0 × 48.0 × 42.0	–	B32656A0275+000	180

MOQ = Minimum Order Quantity, consisting of 4 packing units.
Further E series and intermediate capacitance values on request.

Composition of ordering code

+ = Capacitance tolerance code:
K = ±10%
J = ±5%