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Single-ended Aluminum electrolytic capacitors

Series/Type: **B43082**

The following products presented in this data sheet are being withdrawn.

Ordering Code	Substitute Product	Date of Withdrawal	Deadline Last Orders	Last Shipments
B43082*		2013-02-22	2013-09-30	2014-03-31

For further information please contact your nearest EPCOS sales office, which will also support you in selecting a suitable substitute. The addresses of our worldwide sales network are presented at www.epcos.com/sales.

Long-life grade capacitors for professional applications
Applications

- Electronic ballast
- Energy saving lamps
- Power supplies

Features

- RoHS-compatible
- Very high ripple current
- High reliability
- Useful life of 5000 h at 105 °C

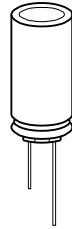
Construction

- Radial leads
- Aluminum case, fully insulated
- Charge-discharge proof
- Minus pole marking on the insulating sleeve
- Case with safety vent from diameter 8 mm

Delivery mode

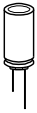
- Bulk
- Taped, Ammo pack
- Cut (see chapter "Single-ended – Taping, packing and lead configurations, Cut leads (Chapter A)")
- Kinked (see chapter "Single-ended – Taping, packing and lead configurations, Kinked leads (Chapter A)")

Refer to chapter "Single-ended capacitors – Taping, packing and lead configurations" for further details.




Specifications and characteristics in brief

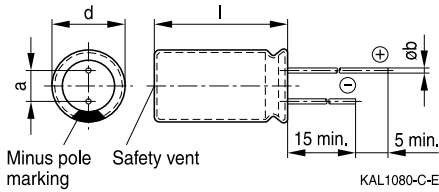
Rated voltage V_R	160 ... 450 V DC							
Surge voltage V_S	$V_R \leq 250$ V DC: $1.15 \cdot V_R$ (at room temperature) $V_R > 250$ V DC: $1.1 \cdot V_R$ (at room temperature)							
Rated capacitance C_R	1.0 ... 150 μ F							
Capacitance tolerance	$\pm 20\% \triangleq M$							
Dissipation factor (max.) (20 °C, 120 Hz)	V_R (V DC)	160	200	250	350	400	450	
	$\tan \delta$	0.15	0.15	0.15	0.20	0.24	0.24	
Leakage current I_{leak} (20 °C, after 5 minutes)	$I_{leak} \leq 0.02 \mu A \cdot \left(\frac{C_R}{\mu F} \cdot \frac{V_R}{V} \right) + 25 \mu A$							
Useful life 105 °C; V_R ; $I_{AC,R}$	> 5000 h							
Requirements	$\Delta C/C \leq \pm 20\%$ of initial value $\tan \delta \leq 2$ times initial specified value $I_{leak} \leq$ initial specified limit							
Shelf life	After storage for 1000 h at 105 °C, the capacitors shall meet the requirement of load life test after reforming process. After test: V_R to be applied for 30 minutes, 24 to 48 hours before measurement.							
Low temperature stability (impedance ratio) (120 Hz)	V_R (V DC)	160 ... 250		350	400	450		
	$Z(-25\text{ °C})$	3		4	6	8		
	$Z(+20\text{ °C})$							
Vibration resistance test	To IEC 60068-2-6, test Fc: Frequency range 10 ... 55 Hz, displacement amplitude 0.75 mm, acceleration max. 10 g, duration 3×2 h. If can size $D < 16$ mm, capacitor is mounted by the leads If can size $D \geq 16$ mm, capacitor rigidly clamped by the aluminum case							
IEC climatic category	To IEC 60068-1: $V_R \leq 350$ V DC: 40/105/56 (–40 °C/+105 °C/56 days damp heat test) $V_R > 350$ V DC: 25/105/56 (–25 °C/+105 °C/56 days damp heat test)							



B43082

High ripple current – 105 °C

Dimensional drawing



Safety vent for diameter ≥ 8 mm.

Case Dimensions

$d \times l$ mm	$d_{max} \times l_{max}$ mm	a mm	b mm
6.3 × 11	6.8 × 12.5	2.5 ±0.5	0.5 ±0.1
8 × 11.5	8.5 × 13.0	3.5 ±0.5	0.6 ±0.1
8 × 15	8.5 × 16.5	3.5 ±0.5	0.6 ±0.1
8 × 20	8.5 × 21.5	3.5 ±0.5	0.6 ±0.1
10 × 12.5	11.0 × 14.0	5.0 ±0.5	0.6 ±0.1
10 × 16	11.0 × 17.5	5.0 ±0.5	0.6 ±0.1
10 × 20	11.0 × 22.0	5.0 ±0.5	0.6 ±0.1
12.5 × 20	13.5 × 22.0	5.0 ±0.5	0.6 ±0.1
12.5 × 25	13.5 × 27.0	5.0 ±0.5	0.6 ±0.1
16 × 20	17.0 × 22.0	7.5 ±0.5	0.8 ±0.1
16 × 25	17.0 × 27.0	7.5 ±0.5	0.8 ±0.1
16 × 31.5	17.0 × 33.5	7.5 ±0.5	0.8 ±0.1


Overview of available types

V_R (V DC)	160	200	250	350	400	450
	Case dimensions $d \times l$ (mm)					
C_R (μ F)						
1.0			8 × 11.5		6.3 × 11	
2.2					8 × 15	
3.3					8 × 15 8 × 20	
4.7		10 × 12.5	10 × 16		10 × 20	
6.8		10 × 16	10 × 16		10 × 20 12.5 × 20	
10	10 × 16	10 × 16	10 × 20	10 × 20	10 × 20	12.5 × 20
22	10 × 20	10 × 20	12.5 × 20	12.5 × 20	12.5 × 25	16 × 25
33	10 × 20	12.5 × 20	12.5 × 20	16 × 20	16 × 25	16 × 31.5
47	12.5 × 20	12.5 × 20	12.5 × 25	16 × 25	16 × 31.5	
68	12.5 × 25	12.5 × 25	16 × 25	16 × 31.5		
100	16 × 25	16 × 25	16 × 31.5			
150	16 × 31.5	16 × 31.5				


B43082
High ripple current – 105 °C
Technical data and ordering codes

C_R 120 Hz, 20 °C μF	Case dimensions $d \times l$ mm	$I_{AC,R}$ 100 kHz, 105 °C mA	Ordering code (composition see below)
$V_R = 160 \text{ V DC}$			
10	10 × 16	250	B43082A1106M***
22	10 × 20	500	B43082A1226M***
33	10 × 20	500	B43082A1336M***
47	12.5 × 20	660	B43082A1476M***
68	12.5 × 25	760	B43082A1686M***
100	16 × 25	1120	B43082A1107M***
150	16 × 31.5	1300	B43082A1157M***
$V_R = 200 \text{ V DC}$			
4.7	10 × 12.5	158	B43082A2475M***
6.8	10 × 16	230	B43082A2685M***
10	10 × 16	250	B43082A2106M***
22	10 × 20	500	B43082A2226M***
33	12.5 × 20	600	B43082A2336M***
47	12.5 × 20	660	B43082A2476M***
68	12.5 × 25	760	B43082A2686M***
100	16 × 25	1100	B43082A2107M***
150	16 × 31.5	1300	B43082A2157M***
$V_R = 250 \text{ V DC}$			
1.0	8 × 11.5	18	B43082F2105M***
4.7	10 × 16	200	B43082F2475M***
6.8	10 × 16	240	B43082F2685M***
10	10 × 20	280	B43082F2106M***
22	12.5 × 20	600	B43082F2226M***
33	12.5 × 20	600	B43082F2336M***
47	12.5 × 25	700	B43082F2476M***
68	16 × 25	1000	B43082F2686M***
100	16 × 31.5	1200	B43082F2107M***

Composition of ordering code

*** = Version

000 = for standard leads, bulk

001 = for kinked leads, bulk

002 = for cut leads, bulk

 007 = for taped leads, Ammo pack, lead spacing $F = 2.5 \text{ mm}$ (for $\varnothing 6.3 \text{ mm}$)

 006 = for taped leads, Ammo pack, lead spacing $F = 3.5 \text{ mm}$ (for $\varnothing 8 \text{ mm}$, excluding $d \times l = 8 \times 20 \text{ mm}$)

 008 = for taped leads, Ammo pack, lead spacing $F = 5.0 \text{ mm}$ (for $\varnothing 6.3 \dots 12.5 \text{ mm}$)

 009 = for taped leads, Ammo pack, lead spacing $F = 7.5 \text{ mm}$ (for $\varnothing 16 \text{ mm}$)


Technical data and ordering codes

C_R 120 Hz, 20 °C μF	Case dimensions $d \times l$ mm	$I_{AC,R}$ 100 kHz, 105 °C mA	Ordering code (composition see below)
$V_R = 350 \text{ V DC}$			
10	10 × 20	250	B43082A4106M***
22	12.5 × 20	350	B43082A4226M***
33	16 × 20	500	B43082A4336M***
47	16 × 25	650	B43082A4476M***
68	16 × 31.5	800	B43082A4686M***
$V_R = 400 \text{ V DC}$			
1.0	6.3 × 11	18	B43082A9105M***
2.2	8 × 15	108	B43082A9225M***
3.3	8 × 15	108	B43082A9335M***
3.3	8 × 20	121	B43082B9335M***
4.7	10 × 20	180	B43082A9475M***
6.8	10 × 20	220	B43082A9685M***
6.8	12.5 × 20	240	B43082B9685M***
10	10 × 20	250	B43082A9106M***
22	12.5 × 25	400	B43082A9226M***
33	16 × 25	600	B43082A9336M***
47	16 × 31.5	750	B43082A9476M***
$V_R = 450 \text{ V DC}$			
10	12.5 × 20	300	B43082A5106M***
22	16 × 25	550	B43082A5226M***
33	16 × 31.5	700	B43082A5336M***

Composition of ordering code

*** = Version

000 = for standard leads, bulk

001 = for kinked leads, bulk

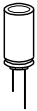
002 = for cut leads, bulk

007 = for taped leads, Ammo pack, lead spacing $F = 2.5 \text{ mm}$ (for $\varnothing 6.3 \text{ mm}$)

006 = for taped leads, Ammo pack, lead spacing $F = 3.5 \text{ mm}$ (for $\varnothing 8 \text{ mm}$, excluding $d \times l = 8 \times 20 \text{ mm}$)

008 = for taped leads, Ammo pack, lead spacing $F = 5.0 \text{ mm}$ (for $\varnothing 6.3 \dots 12.5 \text{ mm}$)

009 = for taped leads, Ammo pack, lead spacing $F = 7.5 \text{ mm}$ (for $\varnothing 16 \text{ mm}$)

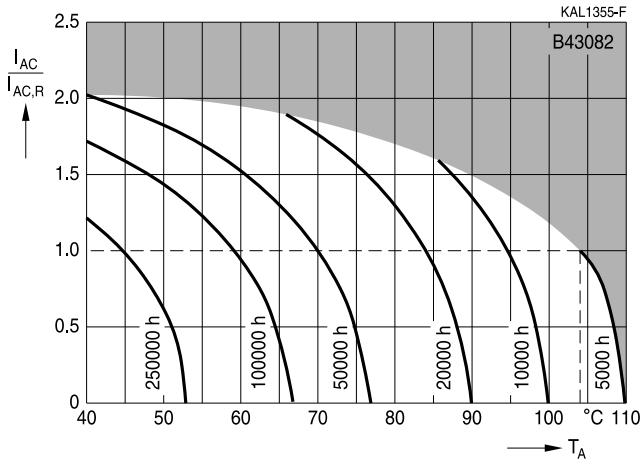


B43082

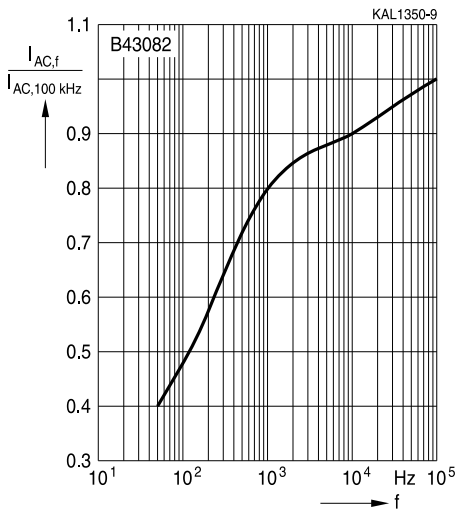
High ripple current – 105 °C

Useful life

depending on ambient temperature T_A under ripple current operating conditions¹⁾



Frequency factor of permissible ripple current I_{AC} versus frequency f



1) Refer to chapter "General technical information, 5.3 Calculation of useful life" for an explanation on how to interpret the useful life graphs.



Taping, packing and lead configurations

Taping

Single-ended capacitors are available taped in Ammo pack from diameter 4 to 18 mm as follows:

Lead spacing $F = 2.0$ mm ($\varnothing d = 4 \dots 5$ mm)

Lead spacing $F = 2.5$ mm ($\varnothing d = 4 \dots 6.3$ mm)

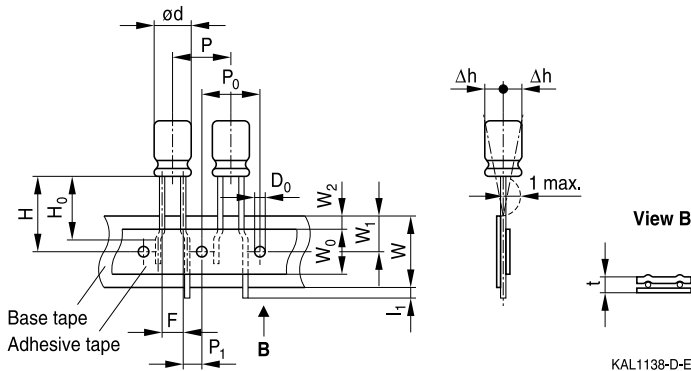
Lead spacing $F = 3.5$ mm ($\varnothing d = 8$ mm)

Lead spacing $F = 5.0$ mm ($\varnothing d = 4 \dots 12.5$ mm)

Lead spacing $F = 7.5$ mm ($\varnothing d = 16 \dots 18$ mm).

Lead spacing 2.0 mm ($\varnothing d = 4 \dots 5$ mm)

Last 3 digits of ordering code: 016



KAL1138-D-E

Dimensions in mm

$\varnothing d$	F	H	W	W_0	W_1	W_2	P	P_0	P_1	l_1	t	Δh	D_0
4 ... 5	2.0	18.5	18.0	7.0	9.0	3.0	12.7	12.7	5.10	1.0	0.7	1	4.0
	+0.8 -0.2	±0.75	±0.5	min.	±0.5	max.	±1.0	±0.3	±0.7	max.	±0.2	±1.0	±0.2

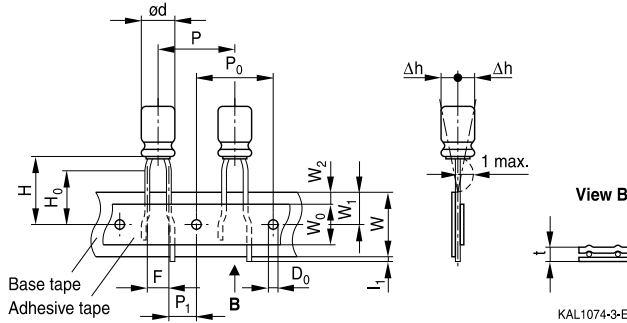


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High ripple current – 105 °C

Lead spacing 2.5 mm (∅ d = 4 ... 6.3 mm)

Last 3 digits of ordering code: 007

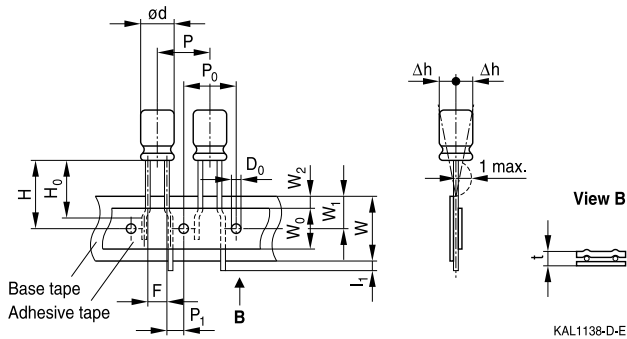


Dimensions in mm

∅ d	F	H	W	W ₀	W ₁	W ₂	H ₀	P	P ₀	P ₁	l ₁	t	Δh	D ₀
4 ... 6.3	2.5	18.5	18.0	5.5	9.0	1.5	16.0	12.7	12.7	5.1	1.0	0.7	1.0	4.0
Tolerance	+0.8 -0.2	±0.75	±0.5	min.	±0.5	max.	±0.5	±1.0	±0.2	±0.5	max.	±0.2	max.	±0.2

Lead spacing 3.5 mm (∅ d = 8 mm)

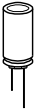
Last 3 digits of ordering code: 006



Dimensions in mm

∅ d	F	H	W	W ₀	W ₁	W ₂	P	P ₀	P ₁	l ₁	t	Δh	D ₀
8	3.5	18.5	18.0	10	9.0	3.0	12.7	12.7	4.6	1.0	0.7	1.0	4.0
Tolerance	+0.8 -0.2	±1.0	±0.5	min.	±0.5	max.	±1.0	±0.3	±0.6	max.	±0.2	max.	±0.2

Leads can also run straight through the taping area. Taping is available up to dimensions $d \times l = 8 \times 15$ mm.

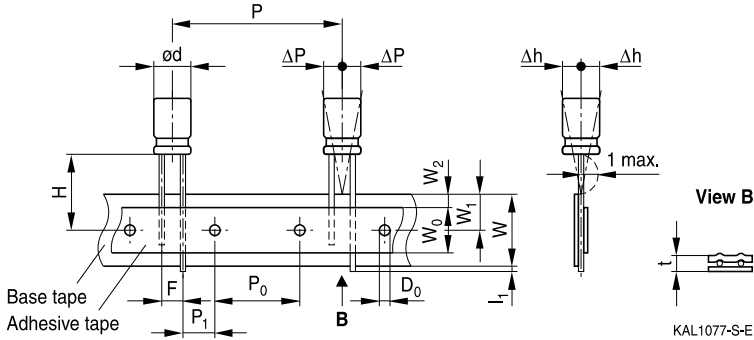


B43082

High ripple current – 105 °C

Lead spacing 7.5 mm (∅ d = 16 ...18 mm)

Last 3 digits of ordering code: 009



Dimensions in mm

∅ d	F	H	W	W ₀	W ₁	W ₂	P	P ₀	P ₁	I ₁	t	ΔP	Δh	D ₀
16	7.5	18.5	18.0	12.5	9.0	1.5	30.0	15.0	3.75	1.0	0.7	0	0	4.0
18														
Tolerance	±0.8	-0.5 +0.75	±0.5	min.	±0.5	max.	±1.0	±0.2	±0.5	max.	±0.2	±1.0	±1.0	±0.2

Taping is available up to dimensions d × l = 16 × 31.5 mm and 18 × 31.5 mm.



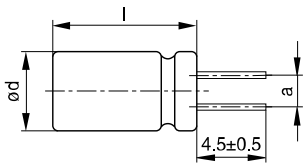
Cut or kinked leads

Single-ended capacitors are available with cut or kinked leads. Other lead configurations also available upon request.

Cut leads (Chapter A)

Available for series B41002, B41022, B41044, B41827, B41828, B43044, B43082, B43086, B43088, B43827, B43828.

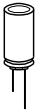
Last 3 digits of ordering code: 002



KAL1086-R

Case size d x l (mm)	Dimensions (mm) a ±0.5
4 x 7	1.5
5 x 7	2.0
5 x 11	2.0
6.3 x 7	2.5
6.3 x 11	2.5
8 x 7	3.5
8 x 11.5	3.5
8 x 15	3.5
8 x 20	3.5
10 x 12.5	5.0
10 x 16	5.0
10 x 20	5.0
10 x 25	5.0
10 x 31.5	5.0

Case size d x l (mm)	Dimensions (mm) a ±0.5
12.5 x 16	5.0
12.5 x 20	5.0
12.5 x 25	5.0
12.5 x 31.5	5.0
12.5 x 35.5	5.0
12.5 x 40	5.0
16 x 20	7.5
16 x 25	7.5
16 x 31.5	7.5
16 x 35.5	7.5
16 x 40	7.5
18 x 20	7.5
18 x 25	7.5
18 x 31.5	7.5
18 x 35.5	7.5
18 x 40	7.5



B43082

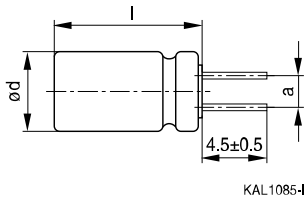
High ripple current – 105 °C

Cut leads (Chapter B)

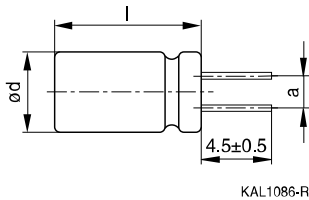
Available for series B41858, B41859, B41863, B41866, B41868, B41888, B41890, B41896, B42824, B42851, B43866, B43867, B43890, B43896.

Last 3 digits of ordering code: 002

With stand-off rubber seal



With flat rubber seal

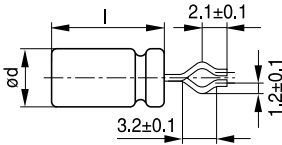


Case size d × l (mm)	Dimensions (mm) a ±0.5
10 × 12.5	5.0
10 × 16	5.0
10 × 20	5.0
12.5 × 20	5.0
12.5 × 25	5.0
16 × 20	7.5
16 × 25	7.5
16 × 31.5	7.5
16 × 35.5	7.5
18 × 20	7.5
18 × 25	7.5
18 × 31.5	7.5
18 × 35	7.5
18 × 40	7.5

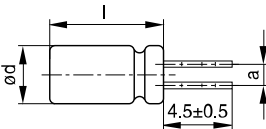

Kinked leads (Chapter A)

Available for series B41002, B41022, B41044, B41827, B41828, B43044, B43082, B43086, B43088, B43827, B43828.

Last 3 digits of ordering code: 001



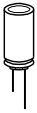
KAL1137-5



KAL1084-A

Case size d x l (mm)	Dimensions (mm) a ±0.5
4 x 7	1.5
5 x 7	2.0
5 x 11	2.0
6.3 x 7	2.5
6.3 x 11	2.5
8 x 7	3.5
8 x 11.5	3.5
8 x 15	3.5
8 x 20	3.5
10 x 12.5	5.0
10 x 16	5.0
10 x 20	5.0
10 x 25	5.0
10 x 31.5	5.0

Case size d x l (mm)	Dimensions (mm) a ±0.5
12.5 x 16	5.0
12.5 x 20	5.0
12.5 x 25	5.0
12.5 x 31.5	5.0
12.5 x 35.5	5.0
12.5 x 40	5.0
16 x 20	7.5
16 x 25	7.5
16 x 31.5	7.5
16 x 35.5	7.5
16 x 40	7.5
18 x 20	7.5
18 x 25	7.5
18 x 31.5	7.5
18 x 35.5	7.5
18 x 40	7.5



B43082

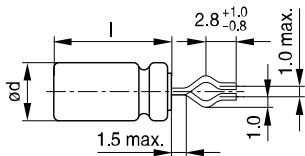
High ripple current – 105 °C

Kinked leads (Chapter B)

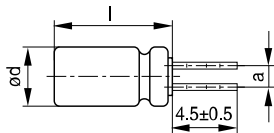
Available for series B41858, B41859, B41863, B41866, B41868, B41888, B41890, B41896, B42824, B42851, B43866, B43867, B43890, B43896.

Last 3 digits of ordering code: 001

With stand-off rubber seal

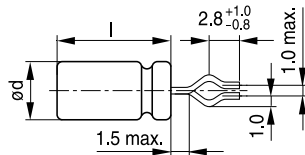


KAL1081-K

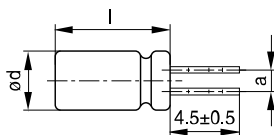


KAL1083-2

With flat rubber seal



KAL1082-T



KAL1084-A

Case size d × l (mm)	Dimensions (mm) a ±0.5
10 × 20	5.0
12.5 × 20	5.0
12.5 × 25	5.0
16 × 20	7.5
16 × 25	7.5
16 × 31.5	7.5
16 × 35.5	7.5
18 × 20	7.5
18 × 25	7.5
18 × 31.5	7.5
18 × 35	7.5
18 × 40	7.5


PAPR leads (Protection Against Polarity Reversal)

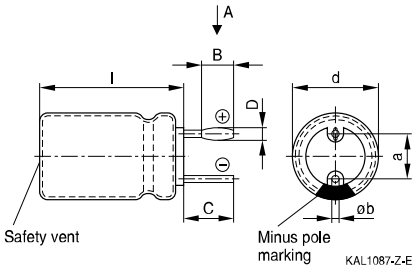
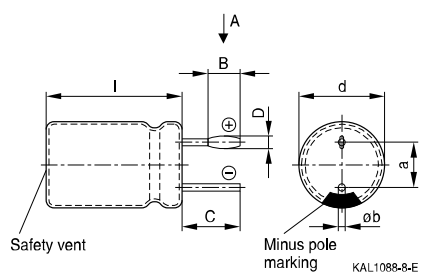
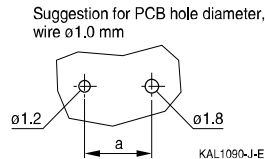
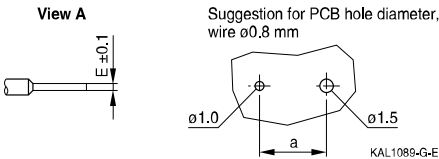
These lead configurations ensure correct placement of the capacitor on the PCB with regard to polarity. PAPR leads are available for diameters from 10 mm up to 18 mm.

There are three configurations available: Crimped leads, J leads, bent 90° leads

Available for series B41858, B41859, B41863, B41866, B41868, B41888, B41890, B41896, B42824, B42851, B43866, B43867, B43890, B43896.

Crimped leads

Last 3 digits of ordering code: 003

With stand-off rubber seal

With flat rubber seal

Suggestion for PCB hole diameter


Case size d × l (mm)	Dimensions (mm)					
	B ±0.2	C ±0.5	D ±0.1	E ±0.1	a ±0.5	∅b
16 × 20	1.5	3.0	1.3	0.3	7.5	0.8 ±0.05
16 × 25	1.5	3.0	1.3	0.3	7.5	0.8 ±0.05
16 × 31.5	1.5	3.0	1.3	0.3	7.5	0.8 ±0.05
16 × 35.5	1.5	3.0	1.3	0.3	7.5	0.8 ±0.05
18 × 20	1.5	3.0	1.3	0.3	7.5	0.8 ±0.1
18 × 25	1.5	3.0	1.3	0.3	7.5	0.8 ±0.1
18 × 31.5	1.5	3.0	1.3	0.3	7.5	0.8 ±0.1
18 × 35	1.5	3.0	1.3	0.3	7.5	0.8 ±0.1
18 × 40	1.5	3.0	1.3	0.3	7.5	0.8 ±0.1

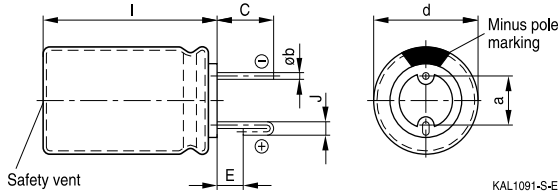


B43082

High ripple current – 105 °C

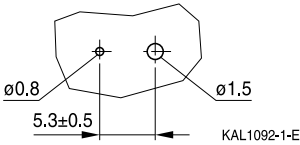
J leads

Last 3 digits of ordering code: 004

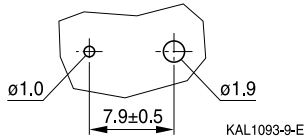


Suggestion for PCB hole diameter

Suggestion for PCB hole diameter, wire $\varnothing 0.6$ mm



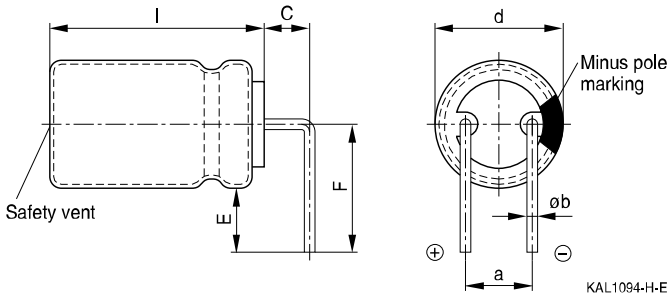
Suggestion for PCB hole diameter, wire $\varnothing 0.8$ mm



Case size d × l (mm)	Dimensions (mm)				
	C ±0.5	E ±0.5	J ±0.2	a ±0.5	∅b
10 × 12.5	3.2	0.7	1.2	5.0	0.6 ±0.05
10 × 16	3.2	0.7	1.2	5.0	0.6 ±0.05
10 × 20	3.2	0.7	1.2	5.0	0.6 ±0.05
12.5 × 20	3.2	0.7	1.2	5.0	0.6 ±0.05
12.5 × 25	3.2	0.7	1.2	5.0	0.6 ±0.05
16 × 20	3.5	0.7	1.6	7.5	0.8 ±0.05
16 × 25	3.5	0.7	1.6	7.5	0.8 ±0.05
16 × 31.5	3.5	0.7	1.6	7.5	0.8 ±0.05
16 × 35.5	3.5	0.7	1.6	7.5	0.8 ±0.05
18 × 20	3.5	0.7	1.6	7.5	0.8 ±0.1
18 × 25	3.5	0.7	1.6	7.5	0.8 ±0.1
18 × 31.5	3.5	0.7	1.6	7.5	0.8 ±0.1
18 × 35	3.5	0.7	1.6	7.5	0.8 ±0.1

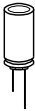

Bent 90° leads for horizontal mounting pinning

Last 3 digits of ordering code: 012



Case size d × l (mm)	Dimensions (mm)				
	C ±0.5	E ±0.5	F ±0.5	a ±0.5	Øb
16 × 20	4.0	4.0	12.0	7.5	0.8 ±0.05
16 × 25	4.0	4.0	12.0	7.5	0.8 ±0.05
16 × 31.5	4.0	4.0	12.0	7.5	0.8 ±0.05
16 × 35.5	4.0	4.0	12.0	7.5	0.8 ±0.05
18 × 20	4.0	4.0	13.0	7.5	0.8 ±0.1
18 × 25	4.0	4.0	13.0	7.5	0.8 ±0.1
18 × 31.5	4.0	4.0	13.0	7.5	0.8 ±0.1
18 × 35	4.0	4.0	13.0	7.5	0.8 ±0.1
18 × 40	4.0	4.0	13.0	7.5	0.8 ±0.1

Bent leads for diameter 12.5 mm available upon request.



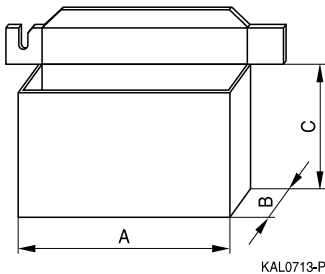
B43082

High ripple current – 105 °C

Packing units and box dimensions

Ammo pack

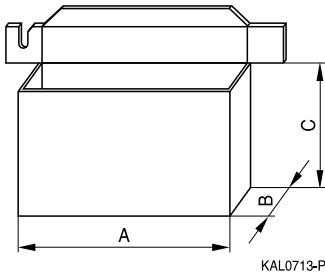
Valid for series B41002, B41022, B41044, B41827, B41828, B43044, B43082, B43086, B43088, B43827, B43828.



Case size d × l mm	Dimensions (mm)			Packing units pcs.
	A _{max}	B _{max}	C _{max}	
4 × 7	330	50	196	2000
5 × 7	330	50	226	2000
5 × 11	330	50	226	2000
6.3 × 7	330	50	286	2000
6.3 × 11	330	50	286	2000
8 × 7	330	50	246	1000
8 × 11.5	330	50	246	1000
8 × 15	330	50	246	500
10 × 12.5	330	50	196	500
10 × 16	330	54	196	500
10 × 20	330	58	196	500
12.5 × 20	341	60	272	500
12.5 × 25	341	65	272	500
16 × 25	320	65	270	300
16 × 31.5	315	65	275	300
18 × 20	315	65	275	250
18 × 25	315	65	275	250
18 × 31.5	315	65	275	250


Ammo pack

Valid for series B41858, B41859, B41863, B41866, B41868, B41888, B41890, B41896, B42824, B42851, B43866, B43867, B43890, B43896.



Case size d × l mm	Dimensions (mm)			Packing units pcs.
	A _{max}	B _{max}	C _{max}	
8 × 11.5	345	55	240	1000
10 × 12.5	345	55	280	750
10 × 16	345	60	200	500
10 × 20	345	60	200	500
12.5 × 20	345	65	280	500
12.5 × 25	345	65	280	500
16 × 20	315	65	275	300
16 × 25	315	65	275	300
16 × 31.5	315	65	275	300
18 × 20	315	65	275	250
18 × 25	315	65	275	250
18 × 31.5	315	65	275	250



B43082

High ripple current – 105 °C

Overview of packing units and code numbers for case sizes 4 x 7 ... 16 x 40

Valid for series B41002, B41022, B41044, B41827, B41828, B43044, B43082, B43086, B43088, B43827, B43828.

Case size d x l mm	Standard, bulk pcs.	Taped, Ammo pack pcs.	Kinked leads, bulk pcs.	Cut leads, bulk pcs.		
4 x 7	10000	2000	15000	15000		
5 x 7	7500	2000	10000	10000		
5 x 11	5000	2000	10000	10000		
6.3 x 7	5000	2000	10000	10000		
6.3 x 11	5000	2000	5000	5000		
8 x 7	5000	1000	5000	5000		
8 x 11.5	2500	1000	4000	4000		
8 x 15	2000	1000	2500	2500		
8 x 20	1500	–	2000	2000		
10 x 12.5	2000	500	2500	2500		
10 x 16	1500	500	2000	2000		
10 x 20	1000	500	1500	1500		
10 x 25	1000	500	1250	1250		
12.5 x 16	750	500	1000	1000		
12.5 x 20	750	500	500	500		
12.5 x 25	750	500	500	500		
12.5 x 31.5	500	–	750	750		
12.5 x 35.5	500	–	750	750		
12.5 x 40	500	–	750	750		
16 x 20	375	300	500	500		
16 x 25	375	300	500	500		
16 x 31.5	250	300	375	375		
16 x 35.5	250	–	375	375		
16 x 40	250	–	375	375		
The last three digits of the complete ordering code state the lead configuration	000	Code	F (mm)	d (mm)	001	002
		006	3.5	8		
		007	2.5	4 ... 6.3		
		008	5.0	4 ... 12.5		
		009	7.5	16 ... 18		
		016	2.0	4 ... 5		


Overview of packing units and code numbers for case sizes 18 x 20 ... 18 x 40

Valid for series B41002, B41022, B41044, B41827, B41828, B43044, B43082, B43086, B43088, B43827, B43828.

Case size d x l mm	Standard, bulk pcs.	Taped, Ammo pack pcs.			Kinked leads, bulk pcs.	Cut leads, bulk pcs.
18 x 20	250	250			100	100
18 x 25	250	250			100	100
18 x 31.5	250	250			100	100
18 x 35.5	250	–			100	100
18 x 40	250	–			100	100
The last three digits of the complete ordering code state the lead configuration	000	Code	F (mm)	d (mm)	001	002
		009	7.5	16 ... 18		



B43082

High ripple current – 105 °C

Overview of packing units and code numbers for case sizes 8 × 11.5 ... 16 × 35.5

Valid for series B41858, B41859, B41863, B41866, B41868, B41888, B41890, B41896, B42824, B42851, B43866, B43867, B43890, B43896.

					PAPR				
Case size d × l	Stan- dard, bulk	Taped, Ammo pack			Kinked leads, bulk	Cut leads, bulk	Crimped leads, blister	J leads, blister	Bent 90° leads, blister
mm	pcs.	pcs.		pcs.	pcs.	pcs.	pcs.	pcs.	
8 × 11.5	1000	1000		–	–	–	–		
10 × 12.5	1000	750		–	1000	–	675		
10 × 16	1000	500		–	1000	–	675		
10 × 20	500	500		500	500	–	500		
12.5 × 20	350	500		350	350	–	300	1)	
12.5 × 25	250	500		500	500	–	225	1)	
12.5 × 30	200	–		–	–	–	–		
12.5 × 35	175	–		–	–	–	–		
12.5 × 40	175	–		–	–	–	–		
16 × 20	250	300		200	200	200	200	120	
16 × 25	250	300		200	200	200	200	120	
16 × 31.5	200	300		250	250	344	344	120	
16 × 35.5	100	–		100	100	150	150	150	
The last three digits of the complete ordering code state the lead configuration	000	Code	F (mm)	d (mm)	001	002	003	004	012
		006	3.5	8					
		008	5	5...12.5					
		009	7.5	16...18					

1) Available upon request


Overview of packing units and code numbers for case sizes 18 × 20 ... 18 × 40

Valid for series B41858, B41859, B41863, B41866, B41868, B41888, B41890, B41896, B42824, B42851, B43866, B43867, B43890, B43896.

					PAPR				
Case size d × l mm	Standard, bulk pcs.	Taped, Ammo pack pcs.			Kinked leads, bulk pcs.	Cut leads, bulk pcs.	Crimped leads, blister pcs.	J leads, blister pcs.	Bent 90° leads, blister pcs.
18 × 20	175	250			175	175	200	200	120
18 × 25	150	250			150	150	200	200	120
18 × 31.5	100	250			100	100	150	150	120
18 × 35	100	–			100	100	150	150	150
18 × 40	125	–			100	100	120	–	72
The last three digits of the complete ordering code state the lead configuration	000	Code	F (mm)	d (mm)	001	002	003	004	012
		009	7.5	16...18					