

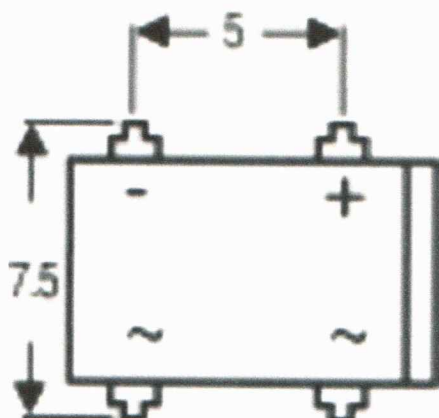
TRU COMPONENTS TC-B250D

Brückengleichrichter DIL-4 600 V 1 A Einphasig



Bestell-Nr.: Hst.-Teile-Nr.: EAN:
1581968 - 62 1581968 2050004908169

50 11 66



Online verfügbar (674 Stück)

Lieferung: Di., 29.09.2020 bis Do., 01.10.2020

€ 0,21

inkl. MwSt., zzgl. [Versand](#)

[Filialverfügbarkeit](#)

Menge In Stück	Preis	Ersparnis
1	€ 0,21	—
10	€ 0,19	10% = € 0,20
50	€ 0,17	19% = € 2,00

Präfix		Zehnerpotenz	Zahlwort	Zahl
Kurzzeichen	Name			
Z	Zetta	10^{21}	Trilliarde	1 000 000 000 000 000 000 000
E	Exa	10^{18}	Trillion	1 000 000 000 000 000 000
P	Peta	10^{15}	Billiarde	1 000 000 000 000 000
T	Tera	10^{12}	Billion	1 000 000 000 000
G	Giga	10^9	Milliarde	1 000 000 000
M	Mega	10^6	Million	1 000 000
k	Kilo	10^3	Tausend	1 000
h	Hekto	10^2	Hundert	100
da	Deka	10^1	Zehn	10
---	---	10^0	Eins	1
d	Dezi	10^{-1}	Zehntel	0,1
c	Zenti	10^{-2}	Hunderstel	0,01
m	Milli	10^{-3}	Tausendstel	0,001
μ	Mikro	10^{-6}	Millionstel	0,000 001
n	Nano	10^{-9}	Milliardenstel	0,000 000 001
p	Piko	10^{-12}	Billionstel	0,000 000 000 001
f	Femto	10^{-15}	Billiardenstel	0,000 000 000 000 001
a	Atto	10^{-18}	Trillionstel	0,000 000 000 000 000 001
z	Zepto	10^{-21}	Trilliardenstel	0,000 000 000 000 000 000 001

■ Standard Products

Endurance : 85 °C 1000 h

W.V. (V)	Cap. (±20 %) (μF)	Case size		Specification		Lead Length				Part No.	Min. Packaging Q'ty	
		Dia.	Length	Ripple Current (120 Hz) (+85 °C) (mA r.m.s.)	tan δ (120 Hz) (+20 °C)	Lead Dia. (mm)	Lead Space				Straight Leads (pcs)	Taping (pcs)
							Straight (mm)	Taping *B (mm)	Taping *i (mm)			
4	47	4	7	34	0.35	0.45	1.5	5.0	2.5	ECEA0GKA470()	200	2000
	100	5	7	61	0.35	0.45	2.0	5.0	2.5	ECEA0GKA101()	200	2000
	220	6.3	7	82	0.35	0.45	2.5	5.0	2.5	ECEA0GKA221()	200	2000
	330	8	7	110	0.35	0.45	3.5		2.5	ECEA0GKA331()	200	1000
		8	7	110	0.35	0.45		5.0		ECEA0GKA331Q		1000
	470	8	7	140	0.35	0.45	3.5		2.5	ECEA0GKA471()	200	1000
		8	7	140	0.35	0.45		5.0		ECEA0GKA471Q		1000
6.3	47	4	7	46	0.24	0.45	1.5	5.0	2.5	ECEA0JKA470()	200	2000
	100	5	7	71	0.24	0.45	2.0	5.0	2.5	ECEA0JKA101()	200	2000
	220	6.3	7	103	0.24	0.45	2.5	5.0	2.5	ECEA0JKA221()	200	2000
	330	8	7	130	0.24	0.45	3.5		2.5	ECEA0JKA331()	200	1000
		8	7	130	0.24	0.45		5.0		ECEA0JKA331Q		1000
10	33	4	7	43	0.20	0.45	1.5	5.0	2.5	ECEA1AKA330()	200	2000
	100	6.3	7	80	0.20	0.45	2.5	5.0	2.5	ECEA1AKA101()	200	2000
	220	8	7	120	0.20	0.45	3.5		2.5	ECEA1AKA221()	200	1000
		8	7	120	0.20	0.45		5.0		ECEA1AKA221Q		1000
16	10	4	7	28	0.16	0.45	1.5	5.0	2.5	ECEA1CKA100()	200	2000
	22	4	7	39	0.16	0.45	1.5	5.0	2.5	ECEA1CKA220()	200	2000
	33	5	7	60	0.16	0.45	2.0	5.0	2.5	ECEA1CKA330()	200	2000
	47	5	7	70	0.16	0.45	2.0	5.0	2.5	ECEA1CKA470()	200	2000
	100	6.3	7	91	0.16	0.45	2.5	5.0	2.5	ECEA1CKA101()	200	2000
25	10	4	7	28	0.14	0.45	1.5	5.0	2.5	ECEA1EKA100()	200	2000
	22	5	7	55	0.14	0.45	2.0	5.0	2.5	ECEA1EKA220()	200	2000
	33	6.3	7	65	0.14	0.45	2.5	5.0	2.5	ECEA1EKA330()	200	2000
	47	6.3	7	70	0.14	0.45	2.5	5.0	2.5	ECEA1EKA470()	200	2000
35	10	5	7	30	0.12	0.45	2.0	5.0	2.5	ECEA1VKA100()	200	2000
	22	6.3	7	60	0.12	0.45	2.5	5.0	2.5	ECEA1VKA220()	200	2000
	33	6.3	7	65	0.12	0.45	2.5	5.0	2.5	ECEA1VKA330()	200	2000
	47	8	7	85	0.12	0.45	3.5		2.5	ECEA1VKA470()	200	1000
		8	7	85	0.12	0.45		5.0		ECEA1VKA470Q		1000
50	0.1	4	7	1	0.10	0.45	1.5	5.0	2.5	ECEA1HKA0R1()***	200	2000
	0.22	4	7	2	0.10	0.45	1.5	5.0	2.5	ECEA1HKA0R2()***	200	2000
	0.33	4	7	3	0.10	0.45	1.5	5.0	2.5	ECEA1HKA0R3()***	200	2000
	0.47	4	7	5	0.10	0.45	1.5	5.0	2.5	ECEA1HKA0R4()***	200	2000
	1	4	7	10	0.10	0.45	1.5	5.0	2.5	ECEA1HKA010()***	200	2000
	2.2	4	7	16	0.10	0.45	1.5	5.0	2.5	ECEA1HKA2R2()	200	2000
	3.3	4	7	18	0.10	0.45	1.5	5.0	2.5	ECEA1HKA3R3()	200	2000
	4.7	4	7	23	0.10	0.45	1.5	5.0	2.5	ECEA1HKA4R7()	200	2000
	10	5	7	35	0.10	0.45	2.0	5.0	2.5	ECEA1HKA100()	200	2000
	22	6.3	7	60	0.10	0.45	2.5	5.0	2.5	ECEA1HKA220()	200	2000
	33	8	7	75	0.10	0.45	3.5		2.5	ECEA1HKA330()	200	1000
		8	7	75	0.10	0.45		5.0		ECEA1HKA330Q		1000

· When requesting taped product, please put the letter "B" or "I" between the "()". Lead wire pitch *B=5 mm, i=2.5 mm.
 · Please refer to the page of "Taping Dimensions".

*** Please kindly accept last shipment : 31/Mar/2015

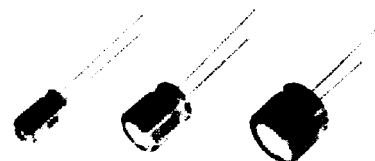
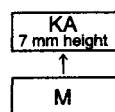
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.
 Should a safety concern arise regarding this product, please be sure to contact us immediately.

Radial Lead Type

Series: **KA**

Type: **A**

Low Profile



■ Features

- Endurance : 85° C 1000 h
- 7 mm height
- RoHS directive compliant

■ Specifications

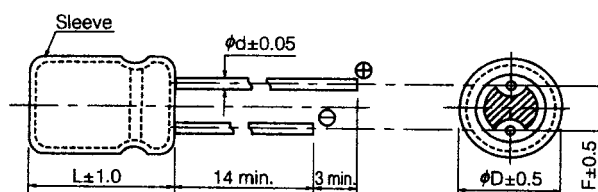
Category Temp. Range	-40 °C to +85 °C		
Rated W.V. Range	4 V.DC to 50 V.DC		
Nominal Cap. Range	2.2 µF to 470 µF		
Capacitance Tolerance	±20 % (120 Hz/+20 °C)		
DC Leakage Current	I ≤ 0.01 CV or 3 (µA) After 2 minutes (Whichever is greater)		
tan δ	Please see the attached standard products list		
Endurance	After applying rated working voltage for 1000 hours at +85 °C±2 °C when the capacitors are restored to 20 °C, capacitors shall meet the following limits.		
	Capacitance change	± 20% of initial measured value	
	tan δ	≤ 200 % of initial specified value	
	DC leakage current	≤ initial specified value	
Shelf Life	After storage for 1000 hours at +85 °C±2 °C with no voltage applied and then being stabilized at +20 °C, capacitors shall meet the limits specified in Endurance (With voltage treatment)		

■ Frequency correction factor for ripple current

	Frequency (Hz)			
	50, 60	120	1 k	10 k to
Correction factor	0.70	1.00	1.30	1.70

■ Dimensions in mm (not to scale)

(Unit : mm)



Body Dia. ϕD	4	5	6.3	8
Lead Dia. ϕd	0.45	0.45	0.45	0.45
Lead space F	1.5	2.0	2.5	3.5

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Should a safety concern arise regarding this product, please be sure to contact us immediately.

01 Oct. 2013



Component Marking:

Print	Description
1 st Line	Capacitance value: 270 μ F
2 nd Line	Rated Voltage: 20
3 rd Line	WCAP-PSHP & datecode: YWW

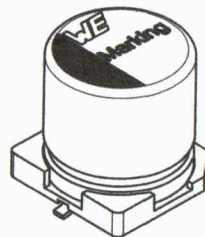
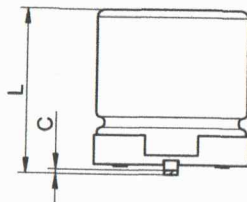
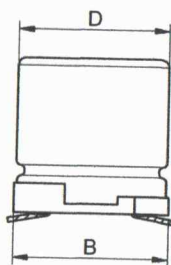
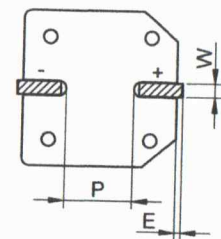
D2 Multiplier for Ripple Current vs. Frequency:

Frequency	120 Hz \leq freq. < 1 kHz	1 kHz \leq freq. < 10 kHz	10 kHz \leq freq. < 100 kHz	100 kHz \leq freq. < 300 kHz
Multiplier	0.05	0.3	0.7	1.0

				Projection 		DESCRIPTION
						WCAP-PSHP Aluminum Polymer Capacitors
						Order.- No.
						875115457008
						Size: 10.0 x 10.5
						COMPLIANT RoHS&REACH WÜRTH ELEKTRONIK
						SIZE
						A4
1.0	2014-11-11	SSt	PSL	Würth Elektronik eiSos GmbH & Co. KG EMC & Inductive Solutions Max-Eyth-Str. 1 74638 Waldenburg Germany Tel. +49 (0) 79 42 945 - 0 www.we-online.com eiSos@we-online.com		
REV	DATE	BY	CHECKED			

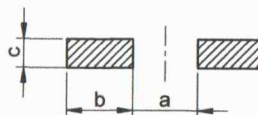
This electronic component has been designed and developed for usage in general electronic equipment only. This product is not authorized for use in equipment where a higher safety standard and reliability standard is especially required or where a failure of the product is reasonably expected to cause severe personal injury or death, unless the parties have executed an agreement specifically governing such use. Moreover Würth Elektronik eiSos GmbH & Co KG products are neither designed nor intended for use in areas such as military, aerospace, aviation, nuclear control, submarine, transportation (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc.. Würth Elektronik eiSos GmbH & Co KG must be informed about the intent of such usage before the design-in stage. In addition, sufficient reliability evaluation checks for safety must be performed on every electronic component which is used in electrical circuits that require high safety and reliability functions or performance.

A Dimensions: [mm]

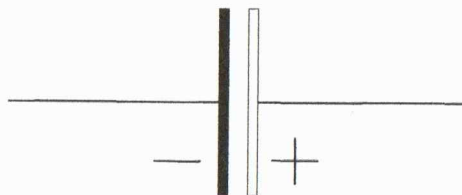


L max.	10.5		
D ±0.5	10.0		
A ±0.2	10.3		
B ±0.2	10.3		
C max.	0.15		
W ±0.1	0.9	a	4.3
E ±0.05	0.35	b	4.4
P ±0.2	4.5	c	1.9

B Recommended hole pattern: [mm]



C Schematic:




D1 Electrical Properties:

Properties	Test conditions		Value	Unit	Tol.
Capacitance	0.25V; 120Hz	C	270	µF	± 20%
Rated voltage		U _R	20	V (DC)	max.
Leakage current	after 2 min.	I _{Leak}	1080	µA	max.
Dissipation factor	120 Hz	DF	10	%	typ.
ESR	100 kHz	R _{ESR}	20	mΩ	max.
Ripple current	100kHz @105°C	I _{ripple}	3700	mA	max.

E General information:

Aluminium Polymer Capacitors
Storage Conditions: 35°C, <45% RH
Operating Temperature: -55 °C up to +105 °C
Load Life: 2000 h @ +105°C / 20 V (DC)
Test conditions of Electrical Properties: 20°C, 33% RH; if not specified differently
FIT according to separate documentation



DESCRIPTION		
WCAP-PSHP Aluminum Polymer Capacitors		
Order.- No.	 COMPLIANT RoHS&REACH WÜRTH ELEKTRONIK	SIZE
875115457008		A4
Size: 10.0 x 10.5		

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