

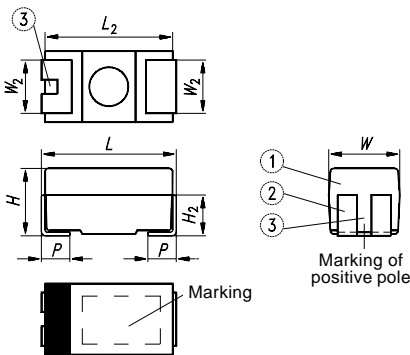


Chip capacitor "HighCap" B45196-H

Especially high volumetric efficiency
Performance level: long life
Application in telecom and data processing systems as well as in measuring and control equipment

With solid electrolyte
Flame-retardant plastic case (UL 94 V-0)
Suitable for reflow (IR, vapor phase) and wave soldering
Tape packaging in acc. with IEC 286-3

Rated voltage V_R 6,3 ... 35 Vdc
IEC climatic category 55/125/56
Service life > 500000 h
Failure rate for $C_R \cdot V_R \leq 330 \mu\text{C}$: $\leq 8 \text{ fit } (\leq 8 \cdot 10^{-9}/\text{h})$
(at 40°C ; $\leq V_R$; for $C_R \cdot V_R > 330 \mu\text{C}$: $\leq 24 \text{ fit } (\leq 24 \cdot 10^{-9}/\text{h})$
 $R_S \geq 3 \Omega/\text{V}$



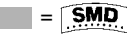
- Marking of positive pole
- ① Encapsulation: epoxy molding compound
② BdNiFe ; surface Sn60/Pb40 or Sn90/Pb10
③ For case size A reduced slot length
- KTA0146-C

Case size	Dimensions (mm)						
	L	L ₂ typ.	W	W ₂ ± 0,1	H	H ₂ typ.	p ± 0,3
A	3,2 ± 0,2	3,0	1,6 ± 0,2	1,2	1,6 ± 0,2	1,0	0,8
B	3,5 ± 0,2	3,3	2,8 ± 0,2	2,2	1,9 ± 0,2	1,2	0,8
C	6,0 ± 0,3	5,8	3,2 ± 0,3	2,2	2,5 ± 0,3	1,5	1,3
D	7,3 ± 0,3	7,1	4,3 ± 0,3	2,4	2,8 ± 0,3	1,6	1,3
E	7,3 ± 0,3	7,1	4,3 ± 0,3	2,4	4,1 ± 0,3	1,6	1,3

C_R	V_R 1) up to 85 °C Vdc	Case size	Ordering code	Min. qty.	Max. qty.				
μF									

Capacitance tolerance ± 10 %

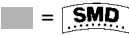
4,7	6,3	A	B45196-H1475-K109	2000	20000				
10	6,3	A	B45196-H1106-K109	2000	20000				
100	6,3	D	B45196-H1107-K409	750	12000				



1) Surge voltage $V_S = 1,3 V_R$



C_R	V_R 1) up to 85 °C Vdc	Case size	Ordering code	Min. qty.	Max. qty.					
μF										
Capacitance tolerance ± 10 %										
4,7	10	A	B45196-H2475-K109	2000	20000					
10	10	B	B45196-H2106-K209	2000	20000					
22	10	C	B45196-H2226-K309	750	12000					
100	10	D	B45196-H2107-K409	750	12000					
220	10	E	B45196-H2227-K509	200	4000					
330	10	E	B45196-H2337-K509	200	4000					
10	16	B	B45196-H3106-K209	2000	20000					
22	16	C	B45196-H3226-K309	750	12000					
47	16	D	B45196-H3476-K409	750	12000					
68	16	D	B45196-H3686-K409	750	12000					
100	16	E	B45196-H3107-K509	200	4000					
4,7	20	B	B45196-H4475-K209	2000	20000					
10	20	C	B45196-H4106-K309	750	12000					
1,0	25	A	B45196-H5105-K109	2000	20000					
1,5	25	A	B45196-H5155-K109	2000	20000					
22	25	D	B45196-H5226-K409	750	12000					
15	35	D	B45196-H6156-K409	750	12000					
22	35	E	B45196-H6226-K509	200	4000					



1) Peak voltage $V_p = 1,3 V_R$