

## Chip capacitors (C0G)

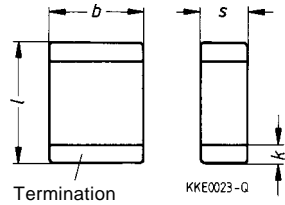
Silver/nickel/tin termination

Tape packaging in acc. with IEC 286-3:

8-mm cardboard tape (code "60")

8-mm blister tape (code "62")

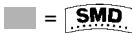
Ceramic material	C0G
Rated voltage $V_R$	50 Vdc
IEC climatic category	55/125/56
Temperature coefficient (tolerance)	$\pm 30 \cdot 10^{-6}/K$
Dissipation factor $\tan \delta$	$< 1,0 \cdot 10^{-3}$
Insulation resistance $R_{is}$ (at 25 °C)	$> 10^5 \text{ M}\Omega$ or
Time constant $\tau$ ( $C_R \cdot R_{is}$ ; at 25 °C)	$> 1000 \text{ s}$
(whichever is lower)	



Dimensions in mm

Size	$l$	$b$	$s$	$k^2)$
0603	$1,6 \pm 0,15$	$0,8 \pm 0,1$	$0,8 \pm 0,1$	0,3
0805	$2,0 \pm 0,2$	$1,25 \pm 0,15$	1,3 max.	0,5
1206	$3,2 \pm 0,2$	$1,6 \pm 0,15$	1,3 max.	0,5
1210	$3,2 \pm 0,3$	$2,5 \pm 0,3$	1,3 max.	0,5

$C_R$	Cap. tolerance	Ordering code	Min. qty.	Max. qty.				
pF								
B37930; $V_R = 50 \text{ Vdc}$			Size 0603					
1,0	$\pm 0,25 \text{ pF}$	B37930-K5010-C60	8000	40000				
1,5	$\pm 0,25 \text{ pF}$	B37930-K5010-C560	8000	40000				
2,2	$\pm 0,25 \text{ pF}$	B37930-K5020-C260	8000	40000				
3,3	$\pm 0,25 \text{ pF}$	B37930-K5030-C360	8000	40000				
4,7	$\pm 0,25 \text{ pF}$	B37930-K5040-C760	8000	40000				
6,8	$\pm 0,25 \text{ pF}$	B37930-K5060-C860	8000	40000				
10	$\pm 5 \%$	B37930-K5100-J60	8000	40000				
15	$\pm 5 \%$	B37930-K5150-J60	8000	40000				
22	$\pm 5 \%$	B37930-K5220-J60	8000	40000				
33	$\pm 5 \%$	B37930-K5330-J60	8000	40000				
47	$\pm 5 \%$	B37930-K5470-J60	8000	40000				
68	$\pm 5 \%$	B37930-K5680-J60	8000	40000				
100	$\pm 5 \%$	B37930-K5101-J60	8000	40000				
150	$\pm 5 \%$	B37930-K5151-J60	8000	40000				
220	$\pm 5 \%$	B37930-K5221-J60	8000	40000				
330	$\pm 5 \%$	B37930-K5331-J60	8000	40000				
470	$\pm 5 \%$	B37930-K5471-J60	8000	40000				



1) Tolerance as per CECC 32 101-801