

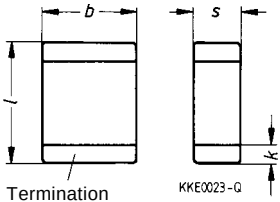


Chip capacitors (C0G)

Silver/nickel/tin termination

Tape packaging in acc. with IEC 286-3:
8-mm cardboard tape (code "60")
8-mm blister tape (code "62")

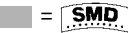
Ceramic material C0G
Rated voltage V_R 50 Vdc
IEC climatic category 55/125/56
Temperature coefficient (tolerance) $\pm 30 \cdot 10^{-6}/K$
Dissipation factor $\tan \delta$ $< 1,0 \cdot 10^{-3}$
Insulation resistance R_{is} (at 25 °C) $> 10^5 \text{ M}\Omega$ or
Time constant τ ($C_R \cdot R_{is}$; at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



Dimensions in mm

Size	<i>l</i>	<i>b</i>	<i>s</i>	<i>k</i> ²⁾
0603	1,6 ± 0,15	0,8 ± 0,1	0,8 ± 0,1	0,3
0805	2,0 ± 0,2	1,25 ± 0,15	1,3 max.	0,5
1206	3,2 ± 0,2	1,6 ± 0,15	1,3 max.	0,5
1210	3,2 ± 0,3	2,5 ± 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	± 0,25 pF	B37930-K5010-C60	8000	40000					
1,5	± 0,25 pF	B37930-K5010-C560	8000	40000					
2,2	± 0,25 pF	B37930-K5020-C260	8000	40000					
3,3	± 0,25 pF	B37930-K5030-C360	8000	40000					
4,7	± 0,25 pF	B37930-K5040-C760	8000	40000					
6,8	± 0,25 pF	B37930-K5060-C860	8000	40000					
10	± 5 %	B37930-K5100-J60	8000	40000					
15	± 5 %	B37930-K5150-J60	8000	40000					
22	± 5 %	B37930-K5220-J60	8000	40000					
33	± 5 %	B37930-K5330-J60	8000	40000					
47	± 5 %	B37930-K5470-J60	8000	40000					
68	± 5 %	B37930-K5680-J60	8000	40000					
100	± 5 %	B37930-K5101-J60	8000	40000					
150	± 5 %	B37930-K5151-J60	8000	40000					
220	± 5 %	B37930-K5221-J60	8000	40000					
330	± 5 %	B37930-K5331-J60	8000	40000					
470	± 5 %	B37930-K5471-J60	8000	40000					



1) Tolerance as per CECC 32 101-801