



Features

- Clear set
- Easy to handle
- 33 values per set
- E12 from 1 pF to 220 nF
- Rectangular ceramic capacitor

Variants

SMD-CS 10	10 capacitors per value
SMD-CS 25	25 capacitors per value
SMD-CS 50	50 capacitors per value

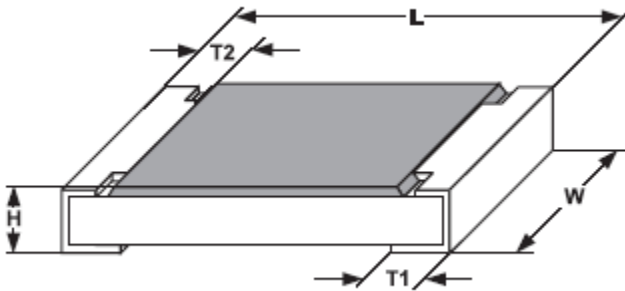
Electrical specifications

Dimensions (L x W)	0805 (in inch), 2012 (in mm)
Tolerance	COG 5%; X7R 10%; Z5U 25%
Maximum voltage	50 VDC (25 VDC bei 220nF)

Values in the sets

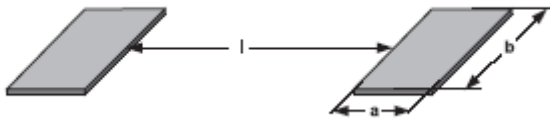
COG/NPO					X7R/2R1			Z5U/Y5U	
1.0 pF	6.8 pF	47 pF	330 pF		1.0 nF	6.8 nF		10 nF	100 nF
1.5 pF	10 pF	68 pF	470 pF		1.5 nF	10 nF		47 nF	220 nF
2.2 pF	15 pF	100 pF	1.0 nF		2.2 nF	22 nF			
3.3 pF	22 pF	150 pF	2.2 nF		3.3 nF	47 nF			
4.7 pF	33 pF	220 pF			4.7 nF	100 nF			
Tolerance									
+/- 5% (<10 pF +/- 0.25pF)					+/- 10%			+/- 20%	

Dimensions of the capacitor



Dimensions [in mm]				
L	W	H	T1	T2
2.0 + 0.2 - 0.1	1.25 + 0.15 - 0.15	0.45 + 0.05 - 0.05	0.3 + 0.2 - 0.1	0.3 + 0.2 - 0.2

Dimensions of the pads



Dimensions [in mm]					
Reflow			Wave		
a	b	l	a	b	l
0.7	1.3	1.2	0.9	1.3	1.3

Constructiva AG

Schindellegistrasse 14, 8808 Pfäffikon, Switzerland

Phone +41 55 420 18 65, Fax +41 55 420 18 66

www.constructiva.ch

office@constructiva.ch