

Large Size HV MLC Chips

für 500V bis 10000 Volt Applikationen

NOVACAP / Bredemeier

Keramik Kondensatoren

Hochvolt X7R maximale Kapazitätswerte



Volt	XX	2225	2520	3333	3530	4040	4540	5440	5550	6560	7565
500V	min max	470pF 0,560µF	1000pF 0,684µF	1.0µF	1.0µF	1.8µF	1.8µF	1.8µF	2.2µF	3.3µF	4.7µF
600V	min max	470pF 0,470µF	1000pF 0,390µF	0.680µF	0.680µF	1.5µF	1.5µF	1.5µF	2.2µF	2.7µF	3.9µF
1000V	min max	470pF 0,220µF	1000pF 0,180µF	0.330µF	0.330µF	0.560µF	0.680µF	0.680µF	1.0µF	1.5µF	2.2µF
1500V	min max	470pF 0,068µF	1000pF 0,056µF	0.120µF	0.120µF	0.270µF	0.330µF	0.330µF	0.470µF	0.680µF	0.820µF
2000V	min max	470pF 0,033µF	1000pF 0,027µF	0.082µF	0.068µF	0.150µF	0.180µF	0.180µF	0.270µF	0.390µF	0.470µF
2500V	min max	470pF 0,018µF	1000pF 0,018µF	0.047µF	0.470µF	0.100µF	0.120µF	0.120µF	0.150µF	0.220µF	0.270µF
3000V	min max	470pF 0,010µF	1000pF 0,012µF	0.033µF	0.270µF	0.068µF	0.068µF	0.082µF	0.120µF	0.180µF	0.220µF
4000V	min max	470pF 3300pF	1000pF 4700pF	0.033µF	0.15µF	0.220µF	0.033µF	0.039µF	0.047µF	0.082µF	0.100µF
5000V	min max	470pF 2200pF	1000pF 2700pF	0.012µF	0.010µF	0.120µF	0.018µF	0.022µF	0.047µF	0.047µF	0.056µF
6000V	min max	----	----	6800pF	5600pF	8200pF	0.012µF	0.015µF	0.022µF	0.033µF	0.039µF
7000V	min max	----	----	3300pF	4700pF	5600pF	8200pF	0.010µF	0.015µF	0.022µF	0.027µF
8000V	min max	----	----	----	3300pF	4700pF	6800pF	8200pF	0.012µF	0.015µF	0.022µF
9000V	min max	----	----	----	2700pF	3300pF	4700pF	5600pF	0.010µF	0.012µF	0.018µF
10000V	min max	----	----	----	1800pF	2700pF	3900pF	4700pF	6800pF	0.010µF	0.012µF

Verfügbare Kapazitätswerte gem. E-Reihe 1.0 1.2 1.5 1.8 2.2 2.7 3.3 3.9 4.7 5.6 6.8 8.2 (1.0, 10, 100, 1000, 10000 pF (10nF)
103 (10nF, 0.010µF), 104 (100nF, 0.100µF) andere Werte auf Anfrage

NOVACAP: 1206B104K500NT

1206	B	104	K	500	N	T	
SIZE	DIELECTRIC	CAPACITANCE	TOLERANCE	VOLTAGE	TERMINATION	PACKAGING	MARKING

0402
0504
0603
0805
1206
1210
1808
1812
1825
2221
2225
4540
6560
7565

B = X7R+125°C
N = NPO+125°C
S = X8R +150°C
F = NPO+160°C
G = HTX+160°C
D = NPO+200°C
E = HTX+200°C
R = R2D+200°C

HTX = Class II Dielectric

1st two digits are significant, third digit denotes number of zeros, R=decimal
1R0 = 1.0 pF
120 = 12 pF
471 = 470 pF
102 = 1,000 pF
273 = .027 µF
474 = 0.47 µF
105 = 1.0 µF

B = ±0.10pF
C = ±0.25pF
D = ±0.50pF
F = ±1%
G = ±2%
J = ±5%
K = ±10%
M = ±20%
Z = +80/-20%
P = +100%/0%

160 = 16V
250 = 25V
500 = 50V
101 = 100V
251 = 250V
501 = 500V
102 = 1000V
202 = 2000V
302 = 3000V
402 = 4000V
502 = 5000V
103 = 10000V

N=Nickel Barrier (100%Sn)
P=Palladium Silver
Y=Nickel Barrier (90%Sn/10%Pb)

THICKNESS
X in Part number denotes special thickness other than EIA standard. If no X in part number then thickness is standard per Novacap catalog specifications.

T = Tape & Reel
None = Bulk
W = Waffle Pack

M = Marking
None = Unmarked
Marking not available on sizes 0603 & below



Electronic Components and Logistics

BREDEMEIER ELECTRONICS GMBH **TEL.** +49 (89) 9080 24 **Fax** +49 (89) 9437 9546

info@bredemeiergmbh.de www.bredemeiergmbh.de