



Vishay Tantalum / MLCC Capacitors

NEW VISHAY-BCC P/Ns FOR MLCC

PRODUCT SERIES	CASE SIZE	DIELECTRIC	CAPACITANCE	TOLERANCE	TERMINATION	VOLTAGE	PACKAGING	TECHNOLOGY
Example :								
VJ	0603	A	101	J	X	A	C	W1BC
VJ	0402	A = NP0	expressed in pF	B =+- 0.10pF	X = Ni-Barrier	Y = 6.3V	T =7" plastic	W1BC
	0603	Y = X7R	First two	C =+- 0.25pF	100% tin	Q = 10V	C =7" paper	
	0805	V = Y5V	followed no	D=+- 0.50pF	termination	J = 16V	P =13" paper	
	1206	G = X5R	number	F =+- 1.0%		X = 25V	R =13" plastic	
	1210			G =+- 2.0%		A = 50V		
	1808		102 = 1000pF	J =+- 5.0%		B = 100V		
	1812		1R0 = 1.0 pF	K =+- 10%		C = 200V		
				M =+- 20%		P = 250V		
				Z = -20%/+80%		E = 500V		
						G = 1000V		
						F = 2000V		
						H = 3000V		

● **12 Digit code** * [12NC]



Dielectric and tolerance

00	NPO Ni	±0.1 pF	10	X7R Ni	±5%
01	NPO Ni	±0.25 pF	11	X7R Ni	±10%
02	NPO Ni	±0.5 pF	12	X7R Ni	±20%
03	NPO Ni	±2%			
04	NPO Ni	±5%			
05	NPO Ni	±10%			
06	NPO Ni	±1%			
07	Y5V Ni	±20%			
08	Y5V Ni	-20/+80%			

Size

1	0402	5	1210
2	0603	6	1808
3	0805	7	1812
4	1206		

Rated voltage

1	10 V	6	200 V
2	16 V	7	500 V
3	25 V	8	1000 V
4	50 V	9	others
5	100 V		

Multiplier

1	10
2	100
3	1 000
4	10 000
5	100 000
6	1 000 000
7	others: 10 000 000 NPO: 0.01
8	0.10
9	1.00

Capacitance (pF)

Two significant digits of capacitance value

Packaging

0	bulk
1	paper: Ø180 mm; 7"
2	paper: Ø330 mm; 13"
3	blister: Ø180 mm; 7"
4	blister: Ø330 mm; 13"