



## MULTILAYER CERAMIC CHIP CAPACITORS

### HOW TO ORDER

MA 0805 CG 101 J 500 PR

PRO-CAP TYPE: \_\_\_\_\_

SIZE CODE: \_\_\_\_\_

0201	0402	0603	0805	1206	1210	1812	2220	2225
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DIELECTRIC CODE: \_\_\_\_\_

CODE	DIELECTRIC
CG	NPO/COG(1B)
XR / X7R	X7R(2R1)
X5R	X5R
X6S	X6S
ZU	Z5U(2E6)
YV	Y5V(2F4)

CAPACITANCE CODE: \_\_\_\_\_

Capacitance expressed in pico farads (pF).  
 First two digits are significant figures.  
 Third digit denotes the number of zeros.  
 Use R for decimal point for values less than 10pF.  
 A few examples are shown with codes.

( $\mu$ F)	(nF)	CAPACITANCE (pF)	CODE
		1.0 pF	1R0
		4.7 pF	4R7
		10 pF	100
	0.22 nF	220 pF	221
0.022 $\mu$ F	22 nF	22,000 pF	223
0.10 $\mu$ F	100 nF	100,000 pF	104
1 $\mu$ F	1,000 nF	1,000,000 pF	105

TOLERANCE CODE: \_\_\_\_\_

CODE	TOLERANCE	CODE	TOLERANCE	CODE	TOLERANCE
A	$\pm 0.05\text{pF}$	F	$\pm 1\%$	M	$\pm 20\%$
B	$\pm 0.10\text{pF}$	G	$\pm 2\%$	Z	$\pm 80\%, - 20\%$
C	$\pm 0.25\text{pF}$	J	$\pm 5\%$	P	$\pm 100\%, - 0\%$
D	$\pm 0.50\text{pF}$	K	$\pm 10\%$		

RATED VOLTAGE CODE: \_\_\_\_\_

2 significant digits + number of zeros.

CODE	VOLTAGE	CODE	VOLTAGE	CODE	VOLTAGE	CODE	VOLTAGE
4R0	4.0V DC	500	50V DC	631	630V DC	402	4000V DC
6R3	6.3V DC	101	100V DC	102	1000V DC		
100	10V DC	251	250V DC	152	1500V DC		
160	16V DC	301	300V DC	202	2000V DC		
250	25V DC	501	500V DC	302	3000V DC		

PACKAGING CODE: \_\_\_\_\_

PR: Tape and Reel 7" Reel, Cardboard Tape  
 ER: Tape and Reel 7" Reel, Embossed Tape  
 XP: Tape and Reel 13" Reel, Cardboard Tape

	0201	0402	0603	0805	1206	1210	1812	2220	2225
PR	15000	10000	4000	4000	4000	1000/2000	1000	500/1000	500
ER	-	-	-	2000/3000	2000/3000	1000/2000	1000/1500	500/1000	500
XP	50000	50000	20000	15000	15000	-	-	-	-