



MULTILAYER CERAMIC CHIP CAPACITORS -HIGH VOLTAGE

DESCRIPTION: PRO-CAP HIGH VOLTAGE CAPACITORS (MA TYPE)

Pro-Cap offers RoHS compliant High Voltage Capacitors. These capacitors are developed for circuits that need reliable components in high voltage applications, such as high voltage solid state multipliers, high voltage power supply, high voltage rectifiers arrays and other consumer applications. Pro-Cap operates a policy of continuous research and development for its capacitance and voltage ranges for Multilayer Ceramic Capacitors. For further specific requirements, please contact a distributor.

HOW TO ORDER

MA 0805 CG 101 J 500 PR

PRO-CAP TYPE: _____

SIZE CODE: _____

0201	0402	0603	0805	1206	1210	1808	1812	2220	2225
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DIELECTRIC CODE: _____

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

* The XR code is being replaced by the newer X7R code.

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.

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

TOLERANCE CODE: _____

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

RATED VOLTAGE CODE: _____

2 significant digits + number of zeros.

CODE	VOLTAGE	CODE	VOLTAGE	CODE	VOLTAGE	CODE	VOLTAGE
6R3	6.3V DC	500	50V DC	301	300V DC	152	1500V DC
100	10V DC	101	100V DC	501	500V DC	202	2000V DC
160	16V DC	201	200V DC	631	630V DC	302	3000V DC
250	25V DC	251	250V DC	102	1000V DC	402	4000V DC

PACKAGING CODE: _____

PR: Tape and Reel, Cardboard Tape
 ER: Tape and Reel, Embossed Tape