

**RADIAL-LEADED, EPOXY-DIPPED MULTILAYER CERAMIC CAPACITORS**

**DESCRIPTION: MLC RADIAL SERIES (RD TYPE)**

Pro-Cap radial-leaded, epoxy-dipped multilayer ceramic capacitors are built by superior moisture and shock resistant epoxy coating, and can be supplied in BULK and TAPE & REEL package for an automatic insertion in printed circuit board. Our RD type capacitors have wide applications in computer, data processor. Telecommunications, industrial control and instrumentation equipment, etc. Termination: 100% tin coated copper wire.

**HOW TO ORDER**

**RD 21 ZU 104 M 500 RA**

**RADIAL TYPE:** \_\_\_\_\_

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

07	15	16	20	21	30	40	50
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**DIELECTRIC CODE:** \_\_\_\_\_

CODE	DIELECTRIC
CG	NPO / COG
XR	X7R
ZU	Z5U
YV	Y5V

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

Capacitance expressed in pico farads (pF).  
 First two digits are significant figures.  
 Third digit denotes the number of zeros.  
 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	$\pm 0.05\mu$ F	F	$\pm 1\%$	M	$\pm 20\%$
B	$\pm 0.10\mu$ F	G	$\pm 2\%$	Z	$\pm 80\%, - 20\%$
C	$\pm 0.25\mu$ F	J	$\pm 5\%$	P	$\pm 100\%, - 0\%$
D	$\pm 0.50\mu$ F	K	$\pm 10\%$		

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

2 significant digits + number of zeros.

CODE	VOLTAGE	CODE	VOLTAGE
160	16V DC	251	250 V DC
250	25V DC	501	500 V DC
500	50V DC	102	1000V DC
101	100V DC	202	2000V DC
201	200V DC	302	3000V DC

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

- RR: Radial-leaded, Reel package
- RB: Radial-leaded, Bulk package
- RA: Radial-leaded, Tape/ammo
- B: Bulk package
- C: Cut package + lead length (example: C6: L = 6mm)