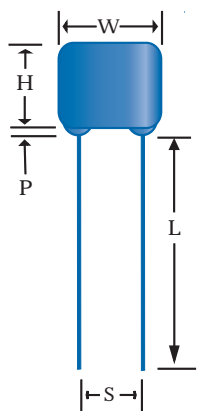


# RADIAL LEADED - COMMERCIAL

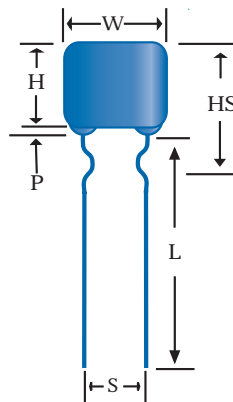
NOVACAP RoHS compliant small case Radial Leaded Capacitors are available in COG, X7R and X8R characteristics. Conformal coating and lead mounting provide a rugged configuration for optimum performance, with high capacitance efficiency per KV rating. Units are designed for commercial/industrial use to 5 KV, with application in power supply and voltage multiplier circuits. High reliability versions with restricted capacitance ranges are also available. Please refer to other NOVACAP literature, or consult the factory.

## LEAD CONFIGURATION AND SIZE OPTIONS



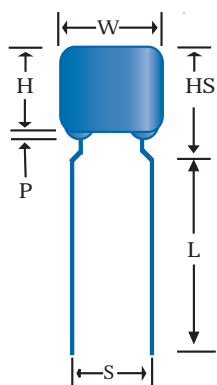
**LEAD STYLE  
LE**

**AVAILABLE  
IN SIZES  
0805  
1812**



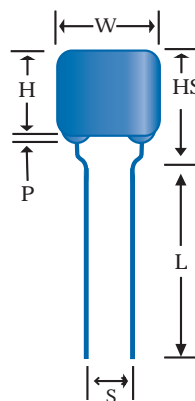
**LEAD STYLE  
LB**

**AVAILABLE  
IN SIZE  
2225**



**LEAD STYLE  
LD & LQ**

**LD AVAILABLE  
IN SIZES  
0805  
1206  
1210  
LQ -1206 only**



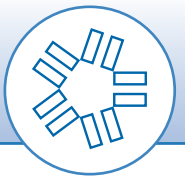
**LEAD STYLE  
LR**

**AVAILABLE  
IN SIZE  
1206**

LEAD STYLE	LE	LD	LR	LD	LQ	LD	LE	LB
SIZE	0805	0805	1206	1206	1206	1210	1812	2225
<b>W MAX.</b>	.150 (3.81)	.150 (3.81)	.200 (5.08)	.200 (5.08)	.200 (5.08)	.200 (5.08)	.300 (7.62)	.350 (8.89)
<b>H MAX.</b>	.150 (3.81)	.150 (3.81)	.150 (3.81)	.150 (3.81)	.150 (3.81)	.200 (5.08)	.250 (6.35)	.350 (8.89)
<b>T MAX.</b>	.100 (2.54)	.100 (2.54)	.125 (3.18)	.125 (3.18)	.125 (3.18)	.175 (4.45)	.200 (5.08)	.200 (5.08)
<b>HS MAX.</b>	.200 (5.08)	.250 (6.35)	.250 (6.35)	.250 (6.35)	.250 (6.35)	.300 (7.62)	.350 (8.89)	.500 (12.70)
<b>S +/- .020</b>	.100 (2.54)	.200 (5.08)	.100 (2.54)	.200 (5.08)	.250 (6.35)	.200 (5.08)	.200 (5.08)	.200 (5.08)
<b>WD +/- .002</b>	.020 (0.51)	.020 (0.51)	.020 (0.51)	.020 (0.51)	.020 (0.51)	.020 (0.51)	.025 (0.635)	.025 (0.635)
<b>L MIN.</b>	1.00 (25.4)	1.00 (25.4)	1.00 (25.4)	1.00 (25.4)	1.00 (25.4)	1.00 (25.4)	1.00 (25.4)	1.00 (25.4)
<b>P MAX.</b>	.060 (1.50)	.060 (1.50)	.060 (1.50)	.060 (1.50)	.060 (1.50)	.060 (1.50)	.060 (1.50)	.060 (1.50)

Dimensions in inches; bracketed dimensions in millimeters.

# RADIAL LEADED - COMMERCIAL



NOVACAP RoHS compliant Conformal Coated Radial Leaded parts in small case sizes 0805, 1206, 1210, 1812 and 2225 are offered with bulk pack or Taped form Ref EIA-RS468 suitable for automatic insertion. For further explanation of the COG and X7R Dielectric Characteristics please refer to page 8-9 of the catalog. X8R Dielectric characteristics can be found on page 31. Additional commercial and high reliability versions in larger case sizes are also available, please refer to pages 46-50 or consult the factory.

## CAPACITANCE & VOLTAGE SELECTION

3 digit code: two significant digits, followed by number of zeros eg: 183 = 18,000 pF. R denotes decimal, eg. 2R7 = 2.7 pF

SIZE	0805			1206			1210			1812			2225		
	Min Cap	100	121	121	100	121	221	100	121	331	101	151	221	101	471
	COG	X7R	X8R	COG	X7R	X8R	COG	X7R	X8R	COG	X7R	X8R	COG	X7R	X8R
50V	.	.	473	.	.	154	.	.	274	.	.	564	.	.	125
100V	.	.	333	.	.	104	.	.	184	.	.	394	.	.	105
250V	152	273	183	392	683	333	822	124	823	223	394	154	473	824	564
500V	821	123	562	182	223	153	472	563	393	123	154	563	273	334	154
1000V	471	272	.	102	682	.	222	153	.	822	473	.	153	104	.
2000V	.	.	.	391	102	.	821	222	.	272	682	.	392	153	.
3000V	.	.	.	.	.	.	.	.	.	122	272	.	182	562	.
4000V	.	.	.	.	.	.	.	.	.	821	122	.	102	152	.
5000V	.	.	.	.	.	.	.	.	.	.	.	.	561	102	.

MAX CAP @ VOLTAGE

## HOW TO ORDER

0805	B	123	K	501	LD	T	R
<b>SIZE</b> See Chart Above	<b>DIELECTRIC</b> N = COG B = X7R S = X8R	<b>CAPACITANCE</b> Value in Picofarads Two significant figures, followed by number of zeros: 123 = 12,000pF	<b>TOLERANCE</b> J = +/- 5 % K = +/- 10 % M = +/- 20 %	<b>VOLTAGE-VDCW</b> Two significant figures, followed by number of zeros: 501 = 500V	<b>LEAD CONFIGURATIONS AVAILABLE (See Page 46)</b> LE = 0805 & 1812 LB = 2225 only LD = 0805, 1206, 1210 LR = 1206 only LQ = 1206 only	<b>PACKAGING</b> T = Tape & Reel A = Ammo Pack No suffix = Bulk	<b>RoHS</b> R = RoHS Compliant