

# LGA Low Inductance Capacitors

## 0204/0306 Land Grid Array – Tin/Lead Termination “B”

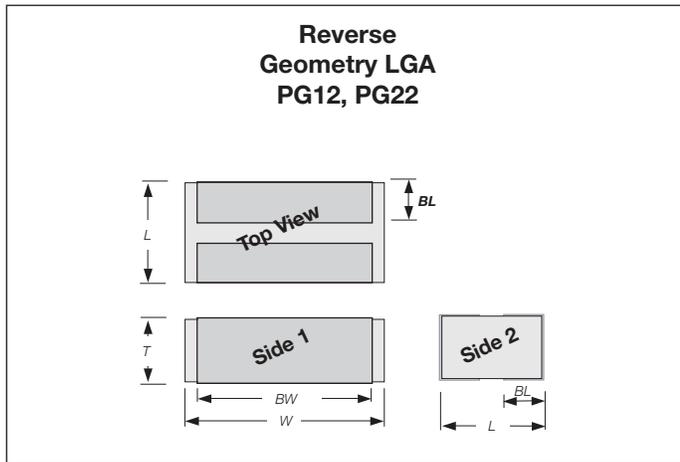
SIZE	PG12 (0204)						PG22 (0306)											
Length mm (in.)	0.50 (0.020)						0.76 (0.030)											
Width mm (in.)	1.00 (0.039)						1.60 (0.063)											
Temp. Char.	X5R (D)		X7S (Z)		X6S (W)		X7R (C)		X5R (D)		X7S (Z)		X6S (W)					
Working Voltage	6.3 (6)	4 (4)	6.3 (6)	4 (4)	6.3 (6)	4 (4)	10 (Z)	6.3 (6)	4 (4)	6.3 (6)	4 (4)	6.3 (6)	4 (4)	6.3 (6)	4 (4)			
Cap (µF)	0.010 (103)		0.022 (223)		0.047 (473)		0.100 (104)		0.220 (224)		0.330 (334)		0.470 (474)		1.000 (105)		2.200 (225)	

= X7R  
  = X5R  
  = X7S  
  = X6S

### HOW TO ORDER

<b>PG</b>	<b>1</b>	<b>2</b>	<b>6</b>	<b>Z</b>	<b>104</b>	<b>M</b>	<b>A</b>	<b>B</b>	<b>2</b>	<b>S</b>	<b>1</b>
<b>Style</b>	<b>Case Size</b>	<b>Number of Terminals</b>	<b>Working Voltage</b>	<b>Temperature Characteristic</b>	<b>Coded Cap</b>	<b>Cap Tolerance</b>	<b>Termination Style</b>	<b>Termination 5% Min Lead</b>	<b>Packaging Tape &amp; Reel</b>	<b>Thickness S = 0.55mm max</b>	<b>Number of Capacitors</b>
	1 = 0204 2 = 0306	2	4 = 4V 6 = 6.3V Z = 10V	C = X7R D = X5R Z = X7S W = X6S		M = ±20%	A = "U" Land		2 = 7" Reel 4 = 13" Reel		

\*Not RoHS Compliant



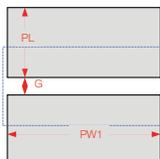
### PART DIMENSIONS

### MM (INCHES)

Series	L	W	T	BW	BL
<b>PG12 (0204)</b>	0.5 ± 0.05 (0.020 ± 0.002)	1.00 ± 0.10 (0.039 ± 0.004)	0.50 ± 0.05 (0.020 ± 0.002)	0.8 ± 0.10 (0.031 ± 0.004)	0.13 ± 0.08 (0.005 ± 0.003)
<b>PG22 (0306)</b>	0.76 ± 0.10 (0.030 ± 0.004)	1.60 ± 0.10 (0.063 ± 0.004)	0.50 ± 0.05 (0.020 ± 0.002)	1.50 ± 0.10 (0.059 ± 0.004)	0.28 ± 0.08 (0.011 ± 0.003)

### RECOMMENDED SOLDER PAD DIMENSIONS

### MM (INCHES)



Series	PL	PW1	G
<b>PG12 (0204)</b>	0.50 (0.020)	1.00 (0.039)	0.20 (0.008)
<b>PG22 (0306)</b>	0.65 (0.026)	1.50 (0.059)	0.20 (0.008)