

LGA Low Inductance Capacitors

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

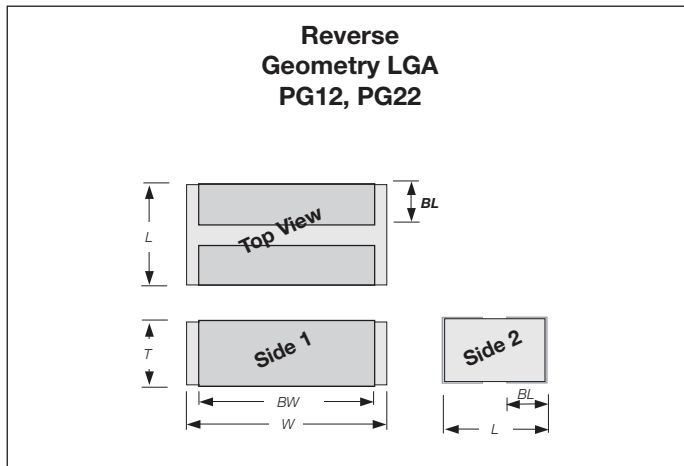
SIZE	PG12 (0204)						PG22 (0306)											
Length mm (in.)	0.50 (0.020)						0.76 (0.030)											
Width mm (in.)	1.00 (0.039)						1.60 (0.063)											
Temp. Char.	X5R (D)		X7S (Z)		X6S (W)		X7R (C)		X5R (D)		X7S (Z)		X6S (W)					
Working Voltage	6.3 (6)	4 (4)	6.3 (6)	4 (4)	6.3 (6)	4 (4)	10 (Z)	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

PG	1	2	6	Z	104	M	A	B	2	S	1
Style	Case Size	Number of Terminals	Working Voltage	Temperature Characteristic	Coded Cap	Cap Tolerance	Termination Style	Termination 5% Min Lead	Packaging Tape & Reel	Thickness S = 0.55mm max	Number of Capacitors
	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



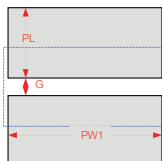
PART DIMENSIONS

MM (INCHES)

Series	L	W	T	BW	BL
PG12 (0204)	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)
PG22 (0306)	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
PG12 (0204)	0.50 (0.020)	1.00 (0.039)	0.20 (0.008)
PG22 (0306)	0.65 (0.026)	1.50 (0.059)	0.20 (0.008)