

LGA Low Inductance Capacitors

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

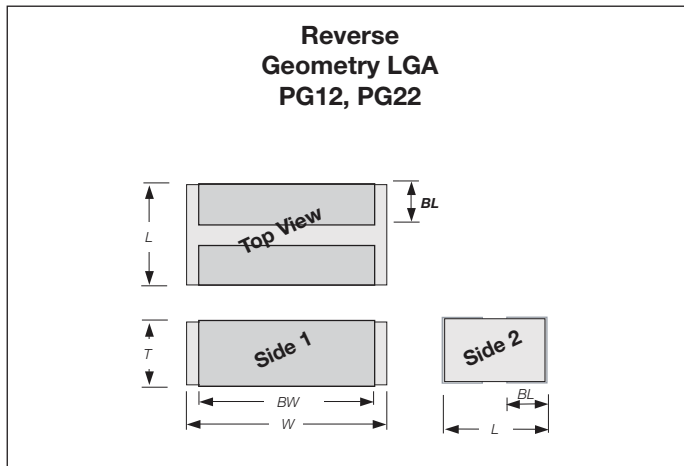
| SIZE | PG12 (0204) | | | | | | PG22 (0306) | | | | | | | | | | | |
|-----------------|--------------|----------|-------------|----------|-------------|----------|--------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|--|-------------|--|
| 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 1 = 0204 2 = 0306 | Number of Terminals 2 | Working Voltage 4=4V 6=6.3V Z=10V | Temperature Characteristic C = X7R D = X5R Z = X7S W = X6S | Coded Cap | Cap Tolerance M = ±20% | Termination Style A = "U" Land | Termination 5% Min Lead | Packaging Tape & Reel 2 = 7" Reel 4 = 13" Reel | Thickness S = 0.55mm max | Number of Capacitors |

***Not RoHS Compliant**



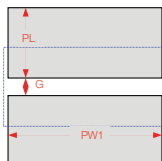
PART DIMENSIONS

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) |