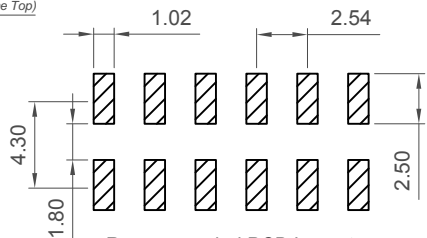
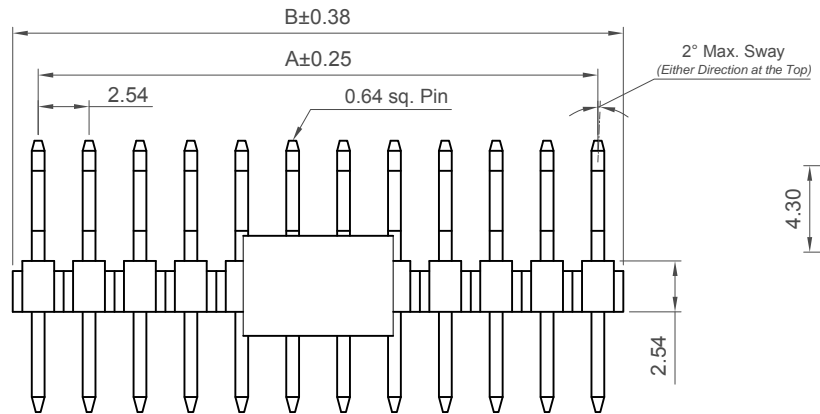
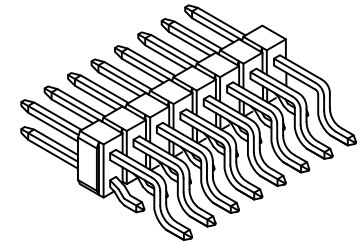


H
G
F
E
D
C
B
A



Recommended PCB Layout
General Tolerance: ±0.05
Solder Area



Specifications

Material
Contact: Copper Alloy
Insulator Material:
Standard: Polyamide, Nylon 6T, UL 94V-0
Options: Polymer, LCP, UL 94V-0

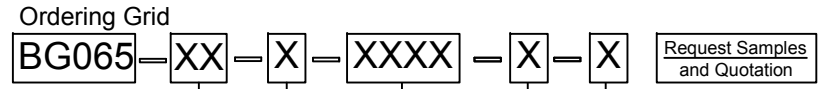
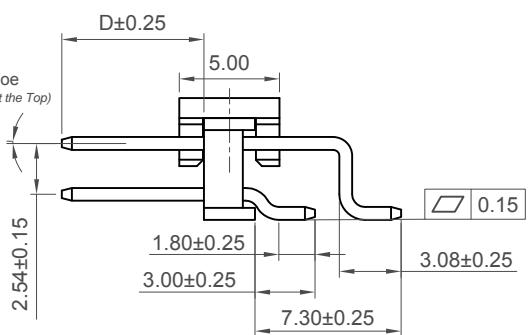
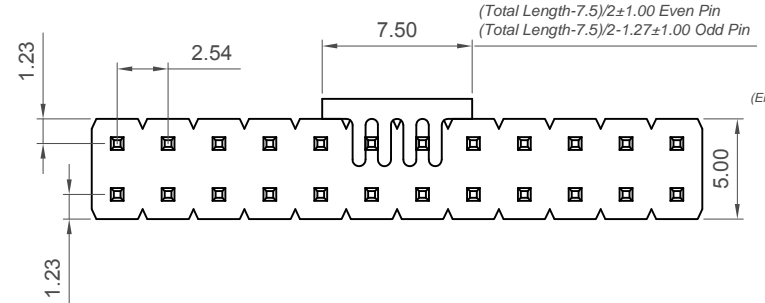
Plating
Contact: See Ordering Grid

Electrical
Current Rating: 3 Amp Per Pin
Insulator Resistance: 1000 MΩ min.
Contact Resistance: 20 mΩ max.
Dielectric Withstanding: AC 600 V

Environmental & Mechanical
Operating Temperature: -40° to +105°C
Soldering Process :
Nylon 6T (Standard) -
IR Reflow: 260°C for 10 sec.
Wave: 230°C for 5-10 sec.
Manual Solder: 350°C for 3-5 sec .
LCP (Option) -
IR Reflow: 260°C for 10 sec.
Wave: 250°C for 5-10 sec.
Manual Solder: 350°C for 3-5 sec.

Mates with (Subject to pin length)
BG120 BG121 BG140 BG150 BG152
BG160 BG165 BG166 BG170 BG175
BG180 BG185 BG190 BG195 BG200
BG210 BG220
Perfect Mating with:
BG151 BG225

Number of Contacts	Dimensions	
	A	B
4	2.54	5.08
6	5.08	7.62
8	7.62	10.16
10	10.16	12.70
12	12.70	15.24
14	15.24	17.78
16	17.78	20.32
18	20.32	22.86
20	22.86	25.40
22	25.40	27.94
24	27.94	30.48
26	30.48	33.02
28	33.02	35.56
30	35.56	38.10
32	38.10	40.64
34	40.64	43.18
36	43.18	45.72
38	45.72	48.26
40	48.26	50.80
42	50.80	53.34
44	53.34	55.88
46	55.88	58.42
48	58.42	60.96
50	60.96	63.50
52	63.50	66.04
54	66.04	68.58
56	68.58	71.12
58	71.12	73.66
60	73.66	76.20
62	76.20	78.74
64	78.74	81.28
66	81.28	83.82
68	83.82	86.36
70	86.36	88.90
72	88.90	91.44
74	91.44	93.98
76	93.98	96.52
78	96.52	99.06
80	99.06	101.60



Ordering Grid
BG065-XX-X-XXXX-X-X
No. of Contacts: 04 to 80
Packing Options: B = Tape and Reel with Cap (Standard), D = Tube, E = Tube with Cap
Insulator Materials: N = Nylon 6T (Standard), L = LCP
Dimension D (1/100mm) (Post Length): 0710 = 7.10mm (Standard) Or specify custom Post Length eg. 0300 = 3.00mm (Minimum) (Maximum 1200 = 12.00mm)

Part Number		Product Description	
BG065		2.54mm Pitch Pin Header	
Drawing Date		Dual Row, Surface Mount, Horizontal, without Post	
1st November 2006			
By	CC	Tolerances (Except as Noted)	Units:
Detail	BG065 G PCN	Length X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	G2	Angle X.X° ± 5° X.XX° ± 2° X.XXX° ± 1° X.XXX° ± 0.5°	3rd Angle Projection
Date	10/10/17		



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Not to Scale	Drawn By LYH	Sheet No. 1/1
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