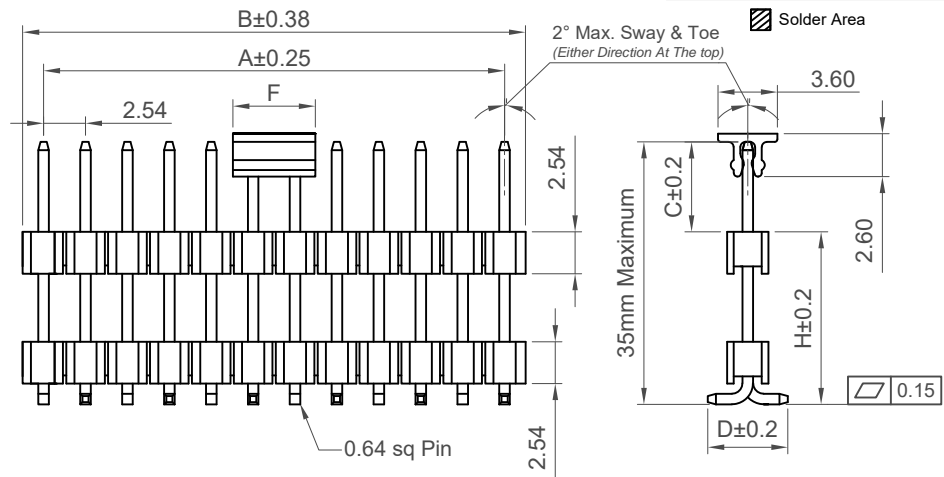


Number of Contacts	Dimensions		
	A	B	F
2	2.54	5.08	5.00
3	5.08	7.62	
4	7.62	10.16	
5	10.16	12.70	
6	12.70	15.24	
7	15.24	17.78	
8	17.78	20.32	
9	20.32	22.86	
10	22.86	25.40	
11	25.40	27.94	
12	27.94	30.48	
13	30.48	33.02	
14	33.02	35.56	
15	35.56	38.10	
16	38.10	40.64	
17	40.64	43.18	
18	43.18	45.72	
19	45.72	48.26	
20	48.26	50.80	

Number of Contacts	Dimensions		
	A	B	F
21	50.80	53.34	
22	53.34	55.88	
23	55.88	58.42	
24	58.42	60.96	
25	60.96	63.50	
26	63.50	66.04	
27	66.04	68.58	
28	68.58	71.12	
29	71.12	73.66	
30	73.66	76.20	
31	76.20	78.74	
32	78.74	81.28	
33	81.28	83.82	
34	83.82	86.36	
35	86.36	88.90	
36	88.90	91.44	
37	91.44	93.98	
38	93.98	96.52	
39	96.52	99.06	
40	99.06	101.60	

**Recommended PCB Layouts**



**Ordering Grid**  
 BG060-XXX-X-XXXX-XXXX-XXXX-X-X  
 No. of Contacts: 02 to 40

**Contact Plating**  
 A = Gold Flash All Over (Standard)  
 B = Selective Gold Flash Contact Area/  
 Tin On Tail  
 C = Tin All Over  
 G = 10µ" Gold Contact Area/Tin On Tail  
 I = 30µ" Gold Contact Area/Tin On Tail

**Type**  
 1 = R1 Type  
 2 = R2 Type

**Dimension C (1/100mm) (Post Height)**  
 0235 = 2.35mm (Standard)  
 0400 = 4.00mm (Standard)  
 Or specify Custom Post Height  
 eg. 0250 = 2.50mm  
 (Maximum 2000=20.00mm)  
 (Minimum 0100=1.00mm)

**Dimension H (1/100mm) (PCB to Top of Insulator)**  
 0990 = 9.90mm (Standard)  
 Or specify Dimension H  
 eg. 0575 = 5.75mm (Minimum)  
 (Maximum 2500=25.00mm)

**Dimension D (1/100mm) (Footprint Width)**  
 0485 = 4.85mm (Standard)  
 Or specify Custom Footprint Width  
 eg. 0250 = 2.50mm  
 (Tooling charge may apply)

**Packing Options**  
 B = Tape & Reel with Cap (Standard)  
 D = Tube (Standard where total height exceeds 25mm)  
 E = Tube with Cap  
 G = Plastic Box

**Insulator Material**  
 N = Nylon 6T (Standard)  
 L = LCP

**Request Samples and Quotation**

**Specifications**

**Material**  
 Insulator:  
 Standard: Polyamide, Nylon 6T, UL94V-0  
 Option: Polymer, LCP, UL94V-0  
 Contact: Copper Alloy

**Plating**  
 Contact: See Ordering Grid

**Electrical**  
 Current Rating: 3 Amp Per Pin  
 Contact Resistance: 20 mΩ max.  
 Insulation Resistance: 1000 MΩ min.  
 Dielectric Withstand Voltage: 600 V AC

**Mechanical & Environmental**  
 Operating Temperature: -40°C 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 3-5sec

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)**  
 BG090 BG095 BG096 BG100 BG110  
 BG115 BG125 BG126 BG130 BG135  
 BG145 BG205 BG230

BG130 Recommended mating length 4.00mm

Part Number		Product Description	
BG060		2.54mm Pitch Elevated Pin Header, Single Row, Surface Mount, Vertical	
Drawing Date		1st November 2006	
By	CC	Tolerances (Except as Noted)	Units:
Detail	BG060 D PCN	Length X. ± 0.30 XX ± 0.20 XXX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	D5	Angle X° ± 5° XX° ± 2° XXX° ± 1° X.XXX° ± 0.5°	3rd Angle Projection
Date	23/06/21		



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

H  
G  
F  
E  
D  
C  
B  
A