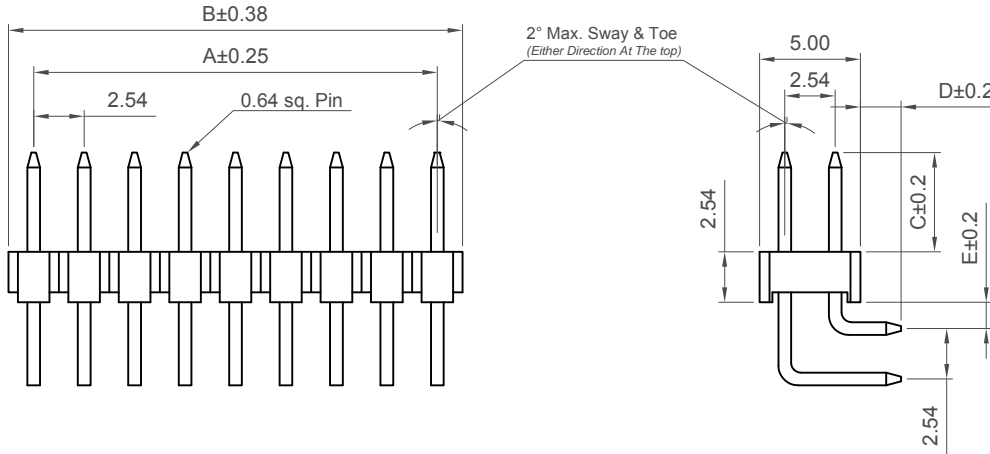
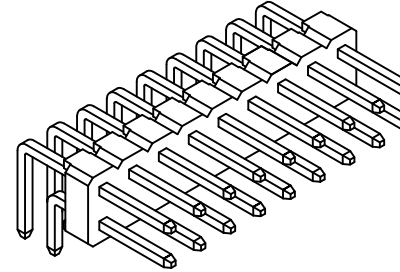


Recommended PCB Layout



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

Specifications 规格

Material 物料

Contact 端子: Copper Alloy
 Insulator Material 绝缘体:
 Standard 标准: Polyamide, Nylon 6T, UL 94V-0
 Options 可选: Polyester, LCP, UL 94V-0
 Polyester, PBT, UL 94V-0

Electrical 电气

Current Rating 电流额定值: 3 Amp
 Insulator Resistance 绝缘电阻值: 1000 MΩ min.
 Contact Resistance 接触电阻值: 20 mΩ max.
 Dielectric Withstanding 耐电压: AC 600 V

Environmental & Mechanical 机械 & 环境

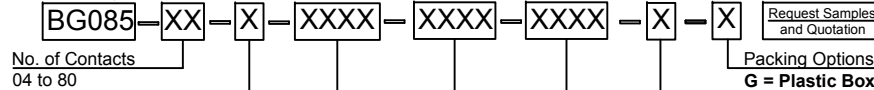
Operating Temperature 工作温度: -40° to +105°C
 Soldering Process 可焊性:

Nylon 6T (Standard 标准物料) -
 IR Reflow 回流焊: 260°C for 10 sec.
 Wave 波峰焊: 230°C for 5-10 sec.
 Manual Solder 人工焊接: 350°C for 3-5 sec

LCP (Option 可选物料) -
 IR Reflow 回流焊: 260°C for 10 sec.
 Wave 波峰焊: 250°C for 5-10 sec.
 Manual Solder 人工焊接: 350°C for 3-5 sec

PBT (Option 可选物料) - Manual Solder 人工焊接: 330°C for 3-5 sec.
 (Not suitable for hi-temp process 不适合高温处理)

Ordering Grid



No. of Contacts
04 to 80

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

Dimension C (1/100mm) (Post Height)

0600 = 6.00mm (Standard)
 Or specify custom Post Height
 eg. 0250 = 2.50mm

Mates with 配套之母座 (Subject to pin length 在端子长度适合的条件下)

BG120 BG140 BG150 BG151 BG160
 BG165 BG170 BG175 BG180 BG185
 BG190 BG195 BG200 BG210

Packing Options

G = Plastic Box (Standard - 04 Contacts)
 D = Tube (Standard - 06-80 contacts)
 E = Tube with Cap

Insulator Material

N = Nylon 6T (Standard)
 P = PBT
 L = LCP

Dimension E (1/100mm) (Insulator to Pin Centre)

0120 = 1.20mm (Standard)
 Or specify custom Insulator to Pin Centre length
 eg. 0250 = 2.50mm

Dimension D (1/100mm) (Insulator to Pin End)

0300 = 3.00mm (Standard)
 Or specify custom Insulator to Pin End length
 eg. 0250 = 2.50mm

Part Number		Product Description	
BG085		2.54mm Pitch Pin Header	
Drawing Date		Dual Row, Through Hole, Horizontal	
30th October 2006			
By	AJO	Tolerances (Except as Noted)	Units:
Detail	BG085 F PCN	Length X, ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	F	Angle X° ± 5° X.X° ± 2° X.XX° ± 1° X.XXX° ± 0.5°	
Date	29/07/09		3rd Angle Projection



This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE

GCT

Global Connector Technology

www.gct.co

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