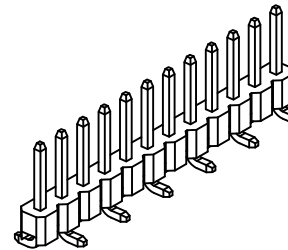
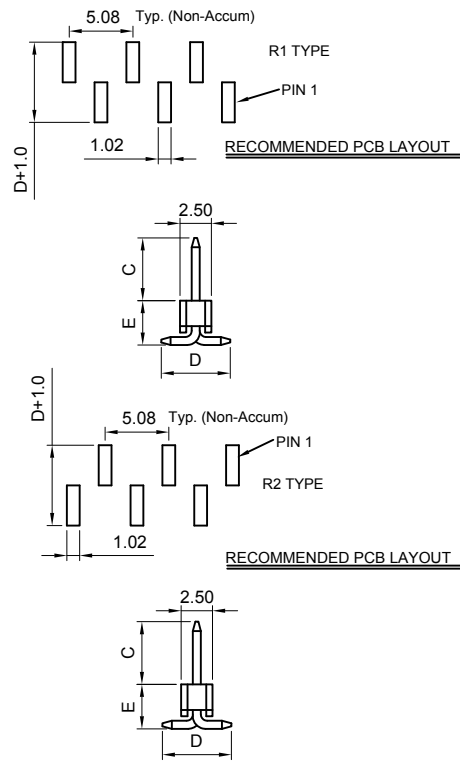
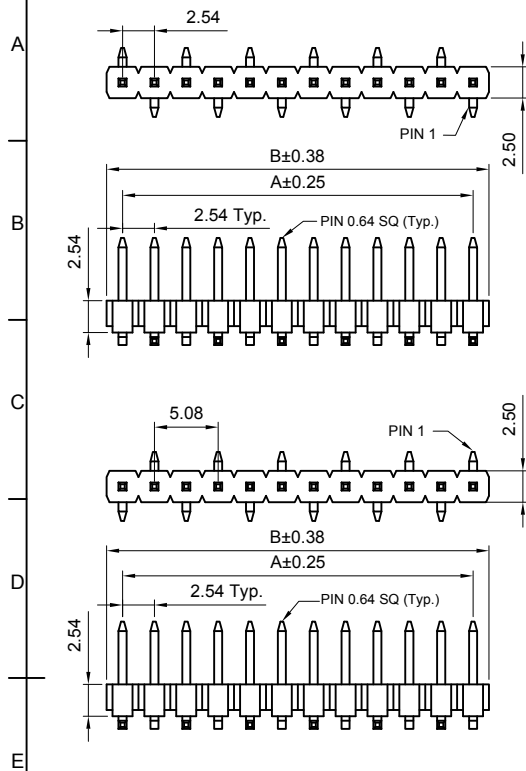
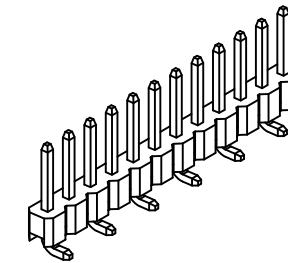


## Global Connector Technology Ltd. - BG055: 2.54mm PITCH PIN HEADER, SINGLE ROW, SURFACE MOUNT, VERTICAL



R1 TYPE



R2 TYPE

REQUEST SAMPLES AND QUOTATION

## SPECIFICATIONS 规格

CURRENT RATING 电流额定值: 3.0 AMPERE

INSULATION RESISTANCE 绝缘电阻值: 1000MΩ Min.

CONTACT RESISTANCE 接触电阻值: 20mΩ Max.

DIELECTRIC WITHSTANDING 耐电压: 600V AC

OPERATING TEMPERATURE 工作温度: -40°C TO +105°C

CONTACT MATERIAL 端子物料: COPPER ALLOY

INSULATOR MATERIAL 绝缘体物料:

STANDARD 标准物料: POLYAMIDE 聚酰胺, NYLON 6T, UL 94-V0

OPTIONS 可选物料: POLYESTER 聚酯, LCP, UL 94-V0

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 △

MATES WITH 配套之母座 (SUBJECT TO PIN LENGTH 在端子长度适合的条件下):

BG090	BG095	BG096	BG100	BG110
BG115	BG125	BG130	BG135	BG145
BG205				

## Ordering Grid

BG055-XXX-X-XXXX-XXXX-XXXX-X-X

No. of Contacts  
02 to 40 △

Contact Plating

A = Gold Flash All Over

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

Standard = Gold Flash All Over

Type  
1 = R1 Type  
2 = R2 Type

Dimension C (1/100mm) △

(Post Height)

Standard - 6.50mm = 0650

Standard - 4.50mm = 0450

Or specify Dimension C

e.g. 2.50mm = 0250

TOL.: ±0.2mm

Dimension E (1/100mm)

(PCB to Top of Insulator)

Standard - 3.50mm = 0350 △

Or specify Dimension E

e.g. 2.50mm = 0250

TOL.: ±0.2mm

Dimension D (1/100mm)

(Footprint Width)

Standard - 5.30mm = 0530 △

Or specify Dimension D

e.g. 2.50mm = 0250

TOL.: ±0.2mm

Packing Options

B = Tape &amp; Reel with Cap (Standard)

D = Tube

E = Tube with Cap △

G = Plastic Box

For 2, 3, 4 and 5 contacts - options △

D and E not available.

Insulator Material


N = Nylon 6T

L = LCP (Standard)

CONTACTS	DIMENSIONS	
	A	B
2	2.54	5.08
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
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

By	LYH	CB	DR	PN	AE	AE	CM
DETAIL	DWG REL.	PACK. OPT. CHANGED	CHANGE TO SOLD. TEMP. INFO.	NO. OF CONTACTS INFO UPDATED	AMEND. TO STD. DIM.	AMEND. TO STD. DIM.	ECN: B2B packaging -001
REV DATE	A 30/10/06	B 27/04/09	C 05/08/09	D 11/08/09	E 08/12/09	F 15/12/09	G 19/10/11



Tolerances (Except as noted)		Part Number:-		Date:-	
Dimensions in mm		BG055		30 OCT 06	
X. ± 0.30	X.°±5°	Description:-  2.54mm PITCH PIN HEADER, SINGLE ROW, SURFACE MOUNT, VERTICAL			
X.X ± 0.20	.X°±2°				
X.XX ± 0.15	.XX°±1°				
X.XXX ± 0.10	.XXX°±0.5°				
		© THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT			
Third Angle Projection		Scale		Revision	Material
		NTS		G	See Note
				Drawn by	E & OE
				LYH	Sheet No.
					1/1

# GCT

[www.globalconnectortechonology.com](http://www.globalconnectortechonology.com)

GCT

www.globalconnectortechology.com