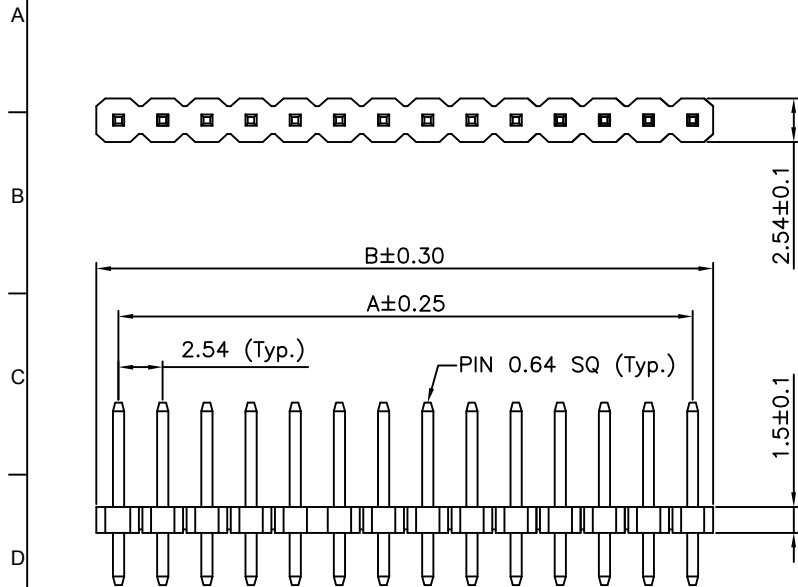
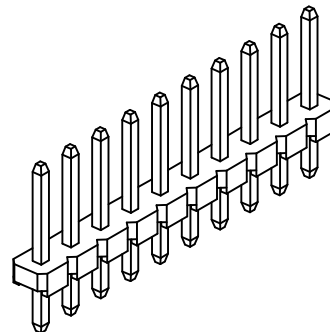
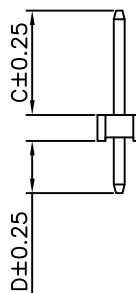


RECOMMENDED PCB LAYOUT



CONTACTS	DIMENSIONS	
	A	B
02	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	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	101.6

SPECIFICATIONS 规格

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: 20mΩ Max.

DIELECTRIC WITHSTANDING 耐电压: AC 600 V

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 BG126 BG130 BG135

BG145 BG205 BG230

Ordering Grid

BG031-XX-X-XXXX-XXXX-X-X

No. of Contacts
02 to 40

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

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

REQUEST SAMPLES AND QUOTATION

Packing Options
G = Plastic Box (Standard)
D = Tube
E = Tube with Cap

Dimension D (1/100mm)
(Tail Length)
Standard - 3.00mm = 0300
Or specify Dimension D
e.g. 2.50mm = 0250
TOL.: ±0.2mm

Dimension C (1/100mm)
(Post Height)
Standard - 6.00mm = 0600
Or specify Dimension C
e.g. 2.50mm = 0250
TOL.: ±0.2mm

By	BC	AE
DETAIL	DRAWING RELEASE	CHANGE TO DIMENSION
REV DATE	A 13/04/07	B 24/08/09



Tolerances (Except as noted)		Part Number:-	Date:-
Dimensions in mm		BG031	13 APR 07
Description:-		2.54mm PITCH PIN HEADER, SINGLE ROW, THROUGH HOLE, VERTICAL, LOW PROFILE	
Third Angle Projection		THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	

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Scale	Revision	Material	Drawn by	Sheet No.
NTS	B	See Note	BC	1/1