



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

**SPECIFICATIONS 规格**

CURRENT RATING 电流额定值: 3 Amp  
 INSULATION RESISTANCE 绝缘电阻值: 1000 MΩ min.  
 DIELECTRIC WITHSTANDING 耐电压: 600V AC  
 CONTACT RESISTANCE 接触电阻值: 20mΩ MAX.  
 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 94V-0  
 OPTIONS 可选物料: POLYESTER 聚酯, LCP, UL 94V-0  
 OR POLYESTER 聚酯, PBT, UL94-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  
 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)  
 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 BG110  
 BG115 BG125 BG130 BG135 BG145  
 BG205

**Ordering Grid**

BG030-XX-X-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  
 L = Matt Tin

**Dimension C (1/100mm)**   
 (Post Height)  
**0450 = 4.50mm (Standard)**  
**0650 = 6.50mm (Standard)**  
 Or specify Dimension C  
 e.g. 0250 = 2.50mm

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

**Dimension D (1/100mm)**   
 (Tail Length)  
**0300 = 3.00mm (Standard)**  
 Or specify Dimension D  
 e.g. 0250 = 2.50mm

**Packing Options**  
 G = Plastic Box (Standard)  
 B = Tape & Reel with Cap   
 D = Tube   
 E = Tube with Cap

**REQUEST SAMPLES AND QUOTATION**

By	LYH	PN	CB	DR	ASE	ASE	AJO
DETAIL	DRAWING RELEASE	INSULATOR MATERIAL	PACKING OPTIONS	SOLDER TEMP.	STANDARD DIMENSION	PLATING OPTION	PACKING OPTION
REV DATE	A 01/11/06	B 12/03/09	C 27/04/09	D 05/08/09	E 08/12/09	F 04/05/12	G 19/02/13



Tolerances (Except as noted)		Part Number:-	Date:-
Dimensions in mm		BG030	01 NOV 06
X. ± 0.30	X.* ± 5°	Description:-	
X.X ± 0.20	X.* ± 2°	2.54mm PITCH PIN HEADER, SINGLE ROW, THROUGH-HOLE, VERTICAL	
X.XX ± 0.15	XX.* ± 1°	© THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	
X.XXX ± 0.10	XXX.* ± 0.5°	Scale NTS	Revision G
Third Angle Projection		Material See Note	Drawn by LYH
		E & OE	Sheet No. 1/1

**GCT**  
www.gct.co