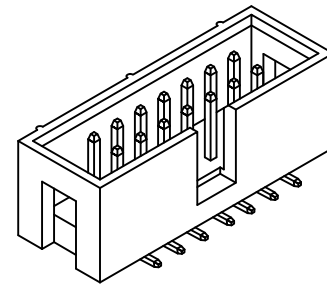


Number of Contacts	Dimensions		
	A	B	C
6	5.08	15.24	12.94
8	7.62	17.78	15.48
10	10.16	20.32	18.02
12	12.70	22.86	20.56
14	15.24	25.40	23.10
16	17.78	27.94	25.64
18	20.32	30.48	28.18
20	22.86	33.02	30.72
22	25.40	35.56	33.26
24	27.94	38.10	35.8
26	30.48	40.64	38.34

Number of Contacts	Dimensions		
	A	B	C
28	33.02	43.18	40.88
30	35.56	45.72	43.42
32	38.10	48.26	45.96
34	40.64	50.80	48.50
36	43.18	53.34	51.04
38	45.72	55.88	53.58
40	48.26	58.42	56.12
42	50.80	60.96	58.66
44	53.34	63.50	61.20
46	55.88	66.04	63.74
48	58.42	68.58	66.28
50	60.96	71.12	68.82
52	63.50	73.66	71.36
54	66.04	76.20	73.90
56	68.58	78.74	76.44
58	71.12	81.28	78.98
60	73.66	83.82	81.52
62	76.20	86.36	84.06
64	78.74	88.90	86.60



**Specifications 规格**

**Material 物料**  
 Insulator 绝缘体:  
 Standard 标准: Polyamide, Nylon 6T, UL94V-0  
 Options 可选: Polyester, LCP, UL94V-0  
 Contact 接触: Copper Alloy

**Plating 电镀**  
 Contact 接触: See Ordering Grid

**Electrical 电气**  
 Current Rating 电流额定值: 3 Amp  
 Contact Resistance 接触电阻值: 20 mΩ max.  
 Insulation Resistance 绝缘电阻值: 1000 MΩ min.  
 Dielectric Withstand Voltage 寒耐电压: 600 V AC

**Mechanical & Environmental 机械 & 环境**  
 Operating Temperature 工作温度:  $-40^{\circ}\text{C}$  to  $+105^{\circ}\text{C}$   
 Soldering Process 可焊性  
 Nylon 6T (Standard 标准物料)  
 IR Reflow 回流焊:  $260^{\circ}\text{C}$  for 10 sec.  
 Wave 波峰焊:  $230^{\circ}\text{C}$  for 5-10 sec.  
 Manual Solder 人工焊接:  $350^{\circ}\text{C}$  for 3-5sec

LCP (Option 可选物料)  
 IR Reflow 回流焊:  $260^{\circ}\text{C}$  for 10 sec.  
 Wave 波峰焊:  $250^{\circ}\text{C}$  for 5-10 sec  
 Manual Solder 人工焊接:  $350^{\circ}\text{C}$  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)  
 Allowing perfect polarisation: BG215 BG216  
 Non-Polarised mating connections available - contact GCT for details

**Ordering Grid**

BG044-XX-X-XXXX-XXXX-X-X

No. of Contacts: 06 to 64

**Contact Plating**  
 A = Gold Flash All Over (Standard)  
 B = Selective Gold Flash Contact Area/  
 Tin On Tail  
 C = Tin All Over  
 G =  $10\mu\text{m}$  Gold Contact Area/Tin On Tail  
 I =  $30\mu\text{m}$  Gold Contact Area/Tin On Tail  
 Dimension C ( $1/100\text{mm}$ ) (Overall Height)  
**1035 = 10.35mm (Standard)**  
 Or specify Custom Overall Height  
 eg 0250 = 2.50mm

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

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

**Dimension D ( $1/100\text{mm}$ ) (Footprint Width)**  
**1025 = 10.25mm (Standard)**  
 Or specify Custom Footprint Width  
 eg 0250 = 2.50mm

Request Samples and Quotation

Part Number		Product Description	
BG044		2.54mm Pitch Shrouded Header, Dual Row, Surface Mount, Vertical	
Drawing Date		16th April 2007	
By	AJO	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	BG044 B PCN	X. $\pm 0.30$	Angle $X^{\circ} \pm 5^{\circ}$
Revision	B	X.X $\pm 0.20$	X.XX $\pm 2^{\circ}$
Date	15/09/15	X.XX $\pm 0.15$	X.XXX $\pm 1^{\circ}$
		X.XXX $\pm 0.10$	X.XXX $\pm 0.5^{\circ}$



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