



Number of Contacts	Dimensions		
	A	B	F
2	2.54	5.08	5.00
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	

Number of Contacts	Dimensions		
	A	B	F
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	

Ordering Grid
BG055-XXX-X-XXXX-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

Type
 1 = R1 Type
 2 = R2 Type

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

Request Samples and Quotation

Packing Options
B = Tape & Reel with Cap (Standard)
 D = Tube (D & E not available for 2-5 contacts.)
 E = Tube with Cap
 G = Plastic Box

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

Dimension E (1/100mm) (PCB to Top of Insulator)
0350 = 3.50mm (Standard)
 Or specify custom dimension
 eg. 0250 = 2.50mm

Dimension D (1/100mm) (Footprint Width)
0530 = 5.30mm (Standard)
 Or specify Custom Footprint Width
 eg. 0250 = 2.50mm

Specifications 规格

Material 物料

Insulator 绝缘体:
 Standard 标准: Polyamide, Nylon 6T, UL94V-0
 Option 可选: Polymer, 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 Per Pin
 Contact Resistance 接触电阻值: 20 mΩ max.
 Insulation Resistance 绝缘电阻值: 1000 MΩ min.
 Dielectric Withstand Voltage 耐电压: 600 V AC

Mechanical & Environmental 机械 & 环境

Operating Temperature 工作温度: -40°C 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 3-5sec
 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

Part Number		Product Description	
BG055		2.54mm Pitch Pin Header, Single Row, Surface Mount, Vertical	
Drawing Date		30th October 2006	
By	CC	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	BG055 G PCN	Length X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Angle X.° ± 5° X.X° ± 2° X.XX° ± 1° X.XXX° ± 0.5°
Revision	G2	3rd Angle Projection	
Date	14/04/17	RoHS COMPLIANT 2011/65/EU Deca-BIDE	



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Not to Scale	Drawn By LYH	Sheet No. 1/1
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H
G
F
E
D
C
B
A