

Specifications 规格

Material 物料

Contact端子: Copper Alloy
 Insulator Material 绝缘体:
 Standard 标准: Polyamide, Nylon 6T, UL 94V-0
 Options 可选: Polymer, LCP, UL 94V-0
 Polyester, PBT, UL 94V-0

Electrical 电气

Current Rating 电流额定值: 3 Amp Per Pin
 Insulator Resistance 绝缘电阻值: 1000 MΩ min.
 Contact Resistance 接触电阻值: 20 mΩ max.
 Dielectric Withstanding 耐电压: AC 600 V

Environmental & Mechanical 机械 & 环境

Operating Temperature 工作温度: -40° to +105°C
 Soldering Process 可焊性:

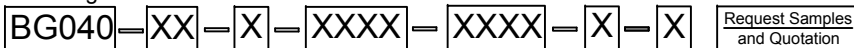
Nylon 6T (Standard 标准物料) -
 IR Reflow 回流焊: 260°C for 10 sec.
 Wave 波峰焊: 230°C for 5-10 sec.
 Manual Solder 人工焊接: 350°C for 3-5 sec
 LCP (Option 可选物料) -
 IR Reflow 回流焊: 260°C for 10 sec.
 Wave 波峰焊: 250°C for 5-10 sec.
 Manual Solder 人工焊接: 350°C for 3-5 sec
 PBT (Option 可选物料) -
 Manual Solder 人工焊接: 330°C for 3-5 sec.
 (Not suitable for hi-temp process 不适合高温制程)

Mates with 配套之母座 (Subject to pin length 在端子长度适合的条件下)

BG120 BG121 BG140 BG150 BG151 BG152 BG160
 BG165 BG166 BG170 BG175 BG180 BG185 BG190
 BG195 BG200 BG210 BG220 BG225

Number of Contacts	Dimensions	
	A	B
4	2.54	5.08
6	5.08	7.62
8	7.62	10.16
10	10.16	12.70
12	12.70	15.24
14	15.24	17.78
16	17.78	20.32
18	20.32	22.86
20	22.86	25.40
22	25.40	27.94
24	27.94	30.48
26	30.48	33.02
28	33.02	35.56
30	35.56	38.10
32	38.10	40.64
34	40.64	43.18
36	43.18	45.72
38	45.72	48.26
40	48.26	50.80
42	50.80	53.34
44	53.34	55.88
46	55.88	58.42
48	58.42	60.96
50	60.96	63.50
52	63.50	66.04
54	66.04	68.58
56	68.58	71.12
58	71.12	73.66
60	73.66	76.20
62	76.20	78.74
64	78.74	81.28
66	81.28	83.82
68	83.82	86.36
70	86.36	88.90
72	88.90	91.44
74	91.44	93.98
76	93.98	96.52
78	96.52	99.06
80	99.06	101.60

Ordering Grid



No. of Contacts
04 to 80

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

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

Packing Options
G = Plastic Box (Standard)
 D = Tube
 E = Tube with Cap
 Insulator Material
N = Nylon 6T (Standard)
 P = PBT
 L = LCP

Dimension D (1/100mm) (Tail Length)
0300 = 3.00mm (Standard)
 Or specify custom Tail Length
 eg 0250 = 2.50mm

Part Number		Product Description	
BG040		2.54mm Pitch Pin Header	
Drawing Date		Dual Row, Through Hole, Vertical	
30th October 2006			
By	CC	Tolerances (Except as Noted)	Units:
Detail	BG040 F PCN	Length X ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	F1	Angle X° ± 5° X.X° ± 2° X.XX° ± 1° X.XXX° ± 0.5°	3rd Angle Projection
Date	13/04/17		



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Not to Scale	Drawn By LYH	Sheet No. 1/1
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