

No. of Contacts	Dimensions	
	A	B
2	5.58	2.54
3	8.12	5.08
4	10.66	7.62
5	13.20	10.16
6	15.74	12.70
7	18.28	15.24
8	20.82	17.78
9	23.36	20.32
10	25.90	22.86
11	28.44	25.40
12	30.98	27.94
13	33.52	30.48
14	36.06	33.02
15	38.60	35.56
16	41.14	38.10
17	43.68	40.64
18	46.22	43.18
19	48.76	45.72
20	51.30	48.26
21	56.84	50.80
22	56.38	53.34
23	58.92	55.88
24	61.46	58.42
25	64.00	60.96
26	66.54	63.50
27	69.08	66.04
28	71.62	68.58
29	74.16	71.12
30	76.70	73.66
31	79.24	76.20
32	81.78	78.74
33	84.32	81.28
34	86.86	83.82
35	89.40	86.36
36	91.94	88.90
37	94.48	91.44
38	97.02	93.98
39	99.56	96.52
40	102.10	99.06

**Specifications 规格**

**Material 物料**

Insulator 绝缘体:  
 Standard: Nylon 6T, UL94V-0 (E41938), Black  
 Options: LCP, UL94V-0, (E106764) Black  
 Contact 接触: Copper Alloy

**Plating 电镀**

See ordering grid

**Electrical 电气**

Current Rating 电流额定值: 3A per contact  
 Contact Resistance 接触电阻值: 20 mΩ max.  
 Insulating Resistance 绝缘电阻值: 1000 MΩ min.  
 Dielectric Withstand Voltage 耐电压: 500V AC

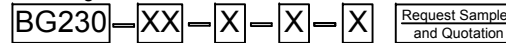
**Mechanical & Environmental 机械 & 环境**

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.  
 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.  
 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):  
 BG020 BG030 BG031 BG035  
 BG055 BG060  
 Perfect Planar Mating with  
 BG075 BG080

**Ordering Grid**



No. of Contacts  
 02 to 40

**Packing**

A = Tape and Reel (Standard)  
 (Quantity per reel: 1400 pcs)  
 D = Tube

**Insulator Material**

N = Nylon 6T (Standard)  
 L = LCP

**Plating Options**

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

Part Number		Product Description	
BG230		2.54mm Pitch Socket	
Drawing Date		Single Row, Surface Mount, Horizontal	
5th May 2007			
By	CC	Tolerances (Except as Noted)	Units:
Detail	BG230 D PCN	Length X. ± 0.30 X.X ± 0.25 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	D2	Angle X.° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°	3rd Angle Projection
Date	20/04/17		



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