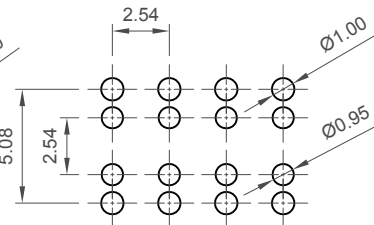
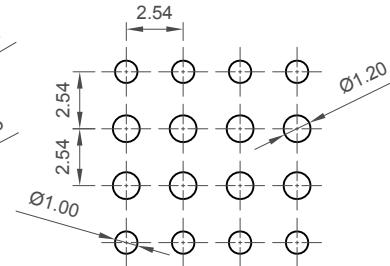


Type 1

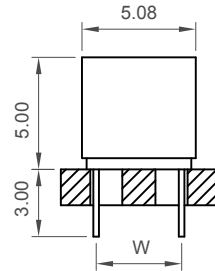
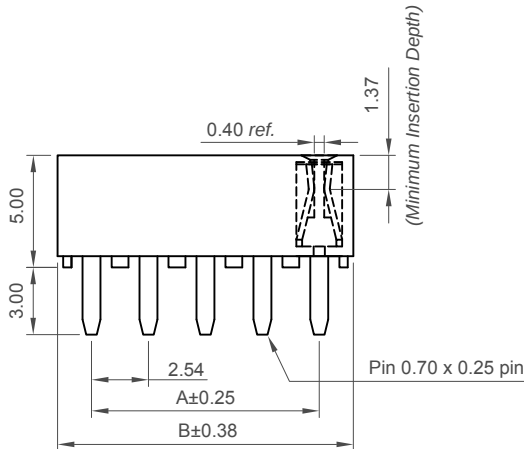
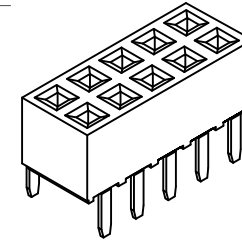


Type 2

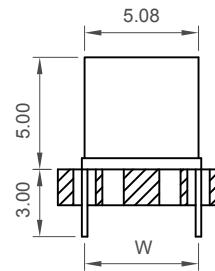
Recommended PCB Layouts



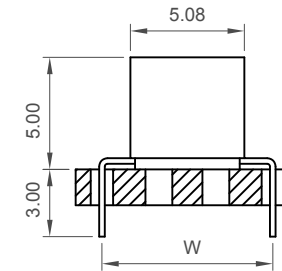
Type 3



Type 1



Type 2



Type 3

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, UL94-V0

Plating 电镀

See Ordering Grid

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 配套之公头

(Subject to pin length 在端子长度适合的条件下)

BG025	BG040	BG041	BG045
BG050	BG065	BG066	BG070
BG085			

Ordering Grid

BG190-XX-X-X-X-X Request Samples and Quotation

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

Packing Options

D = Tube (Standard)

E = Tube with Cap

F = Tube with Film

G = Plastic Box

Insulator Material

N = Nylon 6T (Standard)

P = PBT

L = LCP

Type

1 = Type 1, Width = 3.80mm

2 = Type 2, Width = 5.08mm

3 = Type 3, Width = 7.62mm

Number of Contacts	Dimensions	
	A	B
4	2.54	5.58
6	5.08	8.12
8	7.62	10.66
10	10.16	13.20
12	12.70	15.74
14	15.24	18.28
16	17.78	20.82
18	20.32	23.36
20	22.86	25.90
22	25.40	28.44
24	27.94	30.98
26	30.48	33.52
28	33.02	36.06
30	35.56	38.60
32	38.10	41.14
34	40.64	43.68
36	43.18	46.22
38	45.72	48.76
40	48.26	51.30
42	50.80	53.84
44	53.34	56.38
46	55.88	58.92
48	58.42	61.46
50	60.96	64.00
52	63.50	66.54
54	66.04	69.08
56	68.58	71.62
58	71.12	74.16
60	73.66	76.70
62	76.20	79.24
64	78.74	81.78
66	81.28	84.32
68	83.82	86.86
70	86.36	89.40
72	88.90	91.94
74	91.44	94.48
76	93.98	97.02
78	96.52	99.56
80	99.06	102.10

Part Number		Product Description	
BG190		2.54mm Pitch Socket	
Drawing Date		Dual Row, Through-Hole, Dual Entry, Vertical	
30th October 2006			
By	CC	Tolerances (Except as Noted)	
Detail	BG190 F PCN	Length	Angle
		X ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	X° ± 5° X.X° ± 2° X.XX° ± 1° X.XXX° ± 0.5°
Revision	F1		
Date	28/06/17		
		Units: Metric (mm)	
		 3rd Angle Projection	
			
			This drawing copyright of Technology. This drawing or disclosed content. E



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

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[BG190-04-A-3-N-D](#) [BG190-06-A-3-N-D](#) [BG190-08-A-3-N-D](#) [BG190-10-A-3-N-D](#) [BG190-12-A-3-N-D](#) [BG190-14-A-3-N-D](#) [BG190-52-A-3-N-D](#) [BG190-54-A-3-N-D](#) [BG190-56-A-3-N-D](#) [BG190-58-A-3-N-D](#) [BG190-60-A-3-N-D](#) [BG190-64-A-3-N-D](#) [BG190-66-A-3-N-D](#) [BG190-68-A-3-N-D](#) [BG190-70-A-3-N-D](#) [BG190-72-A-3-N-D](#) [BG190-74-A-3-N-D](#) [BG190-76-A-3-N-D](#) [BG190-78-A-3-N-D](#) [BG190-80-A-3-N-D](#) [BG190-16-A-3-N-D](#) [BG190-18-A-3-N-D](#) [BG190-20-A-3-N-D](#) [BG190-22-A-3-N-D](#) [BG190-24-A-3-N-D](#) [BG190-26-A-3-N-D](#) [BG190-28-A-3-N-D](#) [BG190-30-A-3-N-D](#) [BG190-32-A-3-N-D](#) [BG190-34-A-3-N-D](#) [BG190-36-A-3-N-D](#) [BG190-38-A-3-N-D](#) [BG190-40-A-3-N-D](#) [BG190-42-A-3-N-D](#) [BG190-44-A-3-N-D](#) [BG190-46-A-3-N-D](#) [BG190-48-A-3-N-D](#) [BG190-50-A-3-N-D](#) [BG190-62-A-3-N-D](#)