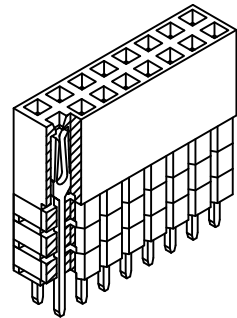
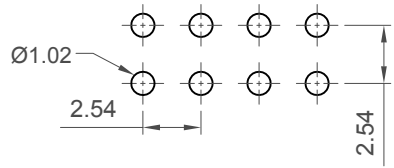
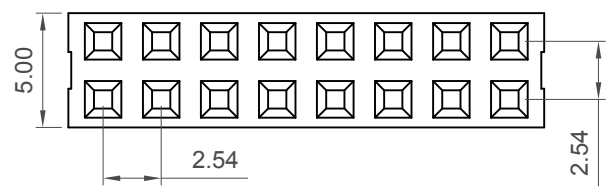
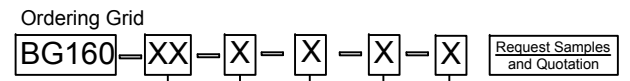
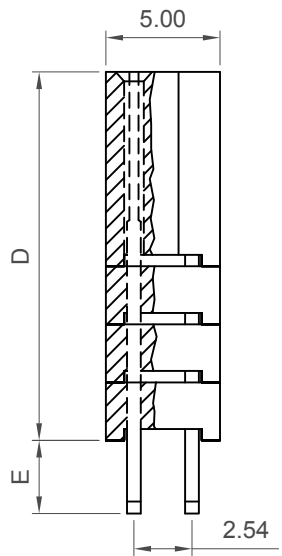
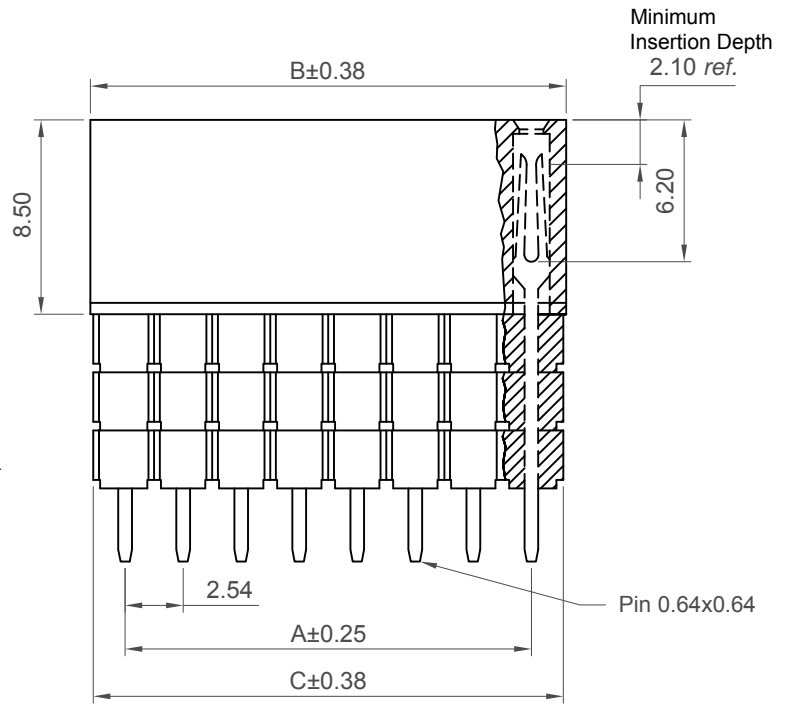


H
G
F
E
D
C
B
A



Recommended PCB Layout



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

	DIM D	DIM E
A =	11.05	2.30
B =	11.05	7.35
C =	13.59	4.85
D =	16.13	2.30
E =	11.05	12.2
L =	13.59	9.65
G =	16.13	7.10
H =	18.67	4.60
I =	18.67	3.0
M =	18.67	4.06

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

Specifications 规格

Material 物料
 Contact端子: Phosphor Bronze
 Insulator Material 绝缘体:
 Standard 标准: Polyamide 聚酰胺, Nylon 6T, UL 94V-0
 Options 可选: Polymer 聚合物, LCP, UL 94V-0
 Polyester 聚酯, PBT, UL 94V-0

Plating 电镀
 Contact 接触: 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 500 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

Number of Contacts	Dimensions		
	A	B	C
4	2.54	5.58	5.08
6	5.08	8.12	7.62
8	7.62	10.66	10.16
10	10.16	13.20	12.70
12	12.70	15.74	15.24
14	15.24	18.28	17.78
16	17.78	20.82	20.32
18	20.32	23.36	22.86
20	22.86	25.90	25.40
22	25.40	28.44	27.94
24	27.94	30.98	30.48
26	30.48	33.52	33.02
28	33.02	36.06	35.56
30	35.56	38.60	38.10
32	38.10	41.14	40.64
34	40.64	43.68	43.18
36	43.18	46.22	45.72
38	45.72	48.76	48.26
40	48.26	51.30	50.80
42	50.80	53.84	53.34
44	53.34	56.38	55.88
46	55.88	58.92	58.42
48	58.42	61.46	60.96
50	60.96	64.00	63.50
52	63.50	66.54	66.04
54	66.04	69.08	68.58
56	68.58	71.62	71.12
58	71.12	74.16	73.66
60	73.66	76.70	76.20
62	76.20	79.24	78.74
64	78.74	81.78	81.28
66	81.28	84.32	83.82
68	83.82	86.86	86.36
70	86.36	89.40	88.90
72	88.90	91.94	91.44
74	91.44	94.48	93.98
76	93.98	97.02	96.52
78	96.52	99.56	99.06
80	99.06	102.10	101.60

Part Number BG160		Product Description 2.54mm Pitch Elevated Socket, Dual Row Through Hole, Vertical	
Drawing Date 30th October 2006			
By CC		Tolerances (Except as Noted)	Units: Metric (mm)
Detail BG160 F 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 F1		3rd Angle Projection	
Date 27/06/17			



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