

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

Specifications 规格

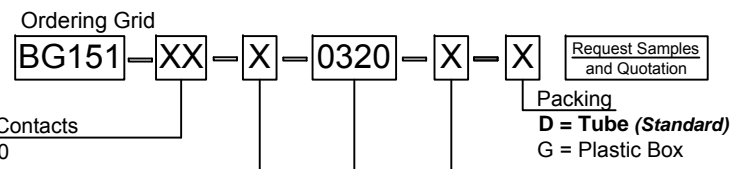
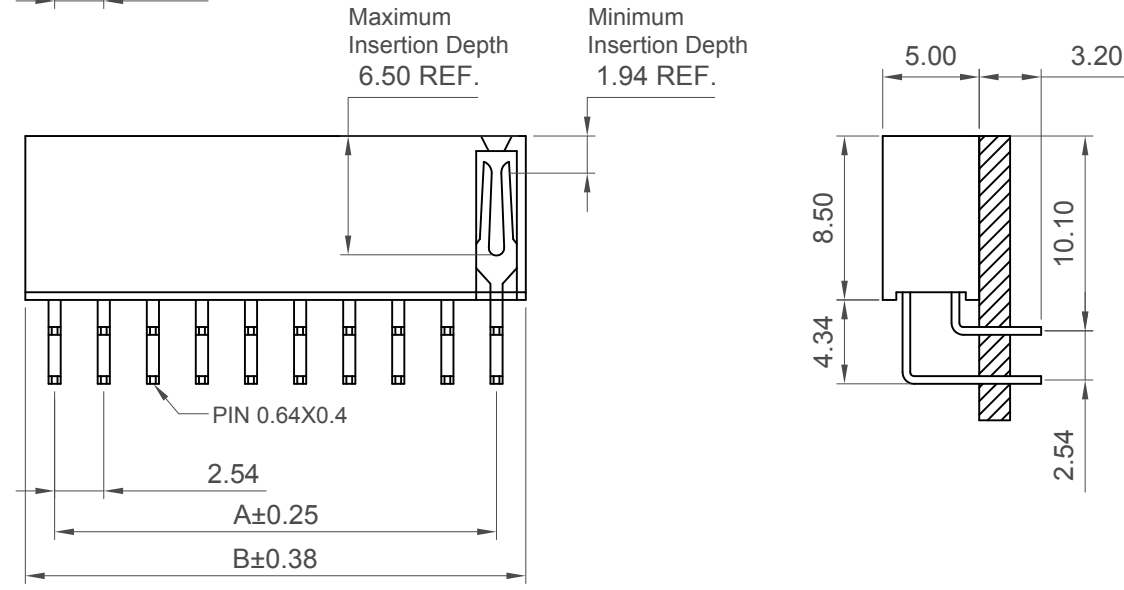
Material 物料
 Insulator 绝缘体:
 Standard 标准: Polyamide 聚酰胺, Nylon 6T, UL 94V-0
 Options 可选: Polymer 聚合物, LCP, UL 94V-0
 Polyester 聚酯, PBT, UL 94V-0
 Contact 接触: Copper Alloy

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 3-5 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)
 BG025 BG040 BG041 BG045 BG050
 BG066 BG070
 Perfect Planar Mating with
 BG065 BG085



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

Insulator Material
 N = Nylon 6T (Standard)
 L = LCP
Insulator to Pin End (1/100mm)
 0320=3.20mm

Part Number		Product Description	
BG151		2.54mm Pitch Socket, Dual Row, Through-Hole, Horizontal	
Drawing Date		10th March 2009	
By	CC	Tolerances (Except as Noted)	Units:
Detail	BG151 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°	RoHS COMPLIANT 2011/65/EU Deca-SIDE
Date	20/04/17		This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE

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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