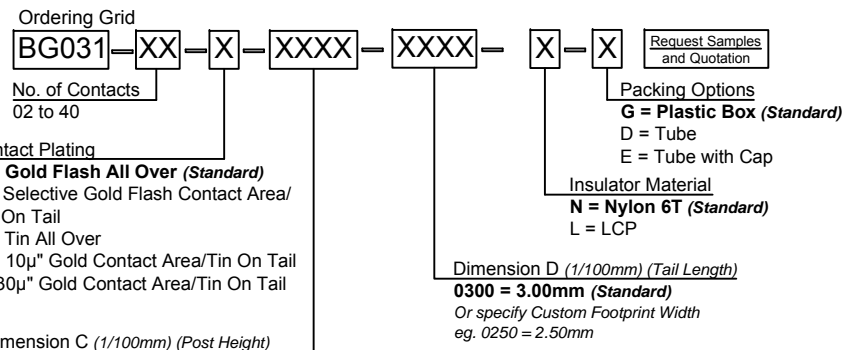


Number of Contacts	Dimensions	
	A	B
2	2.54	5.08
3	5.08	7.62
4	7.62	10.16
5	10.16	12.70
6	12.70	15.24
7	15.24	17.78
8	17.78	20.32
9	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64
17	40.64	43.18
18	43.18	45.72
19	45.72	48.26
20	48.26	50.80

Number of Contacts	Dimensions	
	A	B
21	50.80	53.34
22	53.34	55.88
23	55.88	58.42
24	58.42	60.96
25	60.96	63.50
26	63.50	66.04
27	66.04	68.58
28	68.58	71.12
29	71.12	73.66
30	73.66	76.20
31	76.20	78.74
32	78.74	81.28
33	81.28	83.82
34	83.82	86.36
35	86.36	88.90
36	88.90	91.44
37	91.44	93.98
38	93.98	96.52
39	96.52	99.06
40	99.06	101.60



**Specifications 规格**

**Material 物料**

Insulator 绝缘体:  
 Standard 标准: Polyamide, Nylon 6T, UL94V-0  
 Options 可选: Polyester, LCP, UL94V-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  
 Contact Resistance 接触电阻值: 20 mΩ max.  
 Insulation Resistance 绝缘电阻值: 1000 MΩ min.  
 Dielectric Withstand Voltage 寒耐电压: 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 3-5sec  
 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

**Mates with 配套之母座**

(Subject to Pin Length 在端子长度适合的条件下)  
 BG090 BG095 BG096 BG100 BG110  
 BG115 BG125 BG126 BG130 BG135  
 BG145 BG205 BG230

Part Number		Product Description	
BG031		2.54mm Pitch Pin Header, Single Row, Through Hole, Vertical, Low Profile	
Drawing Date		13th April 2007	
By	ASE	Tolerances (Except as Noted)	
Detail	Change To Dimension	Length	Angle
Revision	B1	X. ± 0.30	X." ± 5°
Date	06/02/15	X.X ± 0.20	X.X" ± 2°
		X.XX ± 0.15	X.XX" ± 1°
		X.XXX ± 0.10	X.XXX" ± 0.5°

**GCT**  
 Global Connector Technology  
 www.gct.co

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