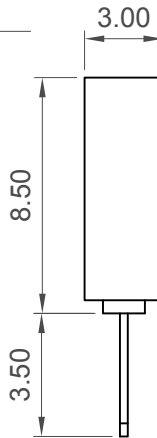
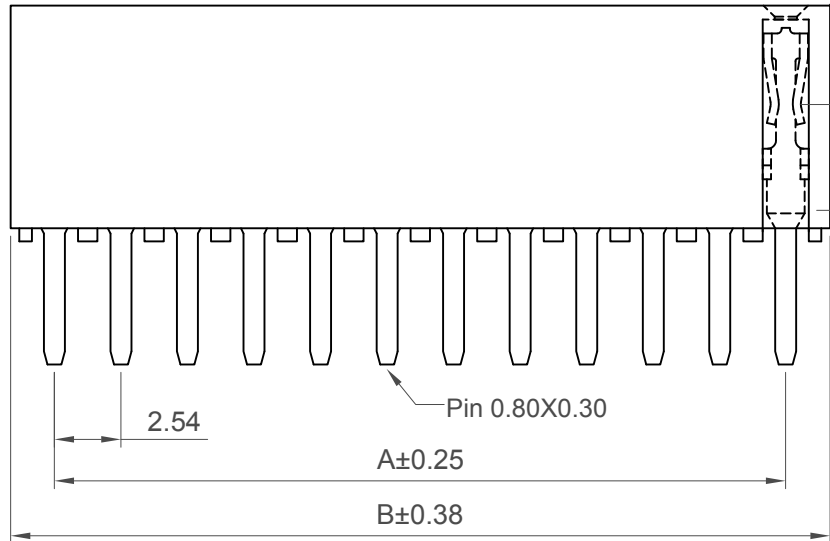


Minimum Insertion Depth
3.56 Ref.

Maximum Insertion Depth
7.80 ref.



Specifications

Material
 Insulator:
 Standard: Polyamide, Nylon 6T, UL94V-0
 Options: Polymer, LCP, UL94V-0
 Polyester, PBT, UL94V-0
 Contact: Copper Alloy

Plating
 See Ordering Grid

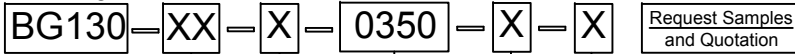
Electrical
 Current Rating: 3 Amp Per Pin
 Contact Resistance: 20 mΩ max.
 Insulation Resistance: 1000 MΩ min.
 Dielectric Withstand Voltage: 600 V AC

Mechanical & Environmental
 Operating Temperature: -40°C to +105°C
Soldering Process
 Nylon 6T (Standard)
 IR Reflow: 260°C for 10 sec.
 Wave: 230°C for 5-10 sec.
 Manual Solder: 350°C for 3-5sec
 LCP (Option)
 IR Reflow: 260°C for 10 sec.
 Wave: 250°C for 5-10 sec
 Manual Solder: 350°C for 3-5 sec
 PBT (Option)
 Manual Solder: 330°C for 3-5 sec.
 (Not suitable for hi-temp process)

Mates with (Subject to Pin Length)
 BG020 BG030 BG031 BG035
 BG055 BG060 BG075 BG080

Number of Contacts	Dimensions	
	A	B
2	2.54	5.88
3	5.08	8.42
4	7.62	10.96
5	10.16	13.50
6	12.70	16.04
7	15.24	18.58
8	17.78	21.12
9	20.32	23.66
10	22.86	26.20
11	25.40	28.74
12	27.94	31.28
13	30.48	33.82
14	33.02	36.36
15	35.56	38.90
16	38.10	41.44
17	40.64	43.98
18	43.18	46.52
19	45.72	49.06
20	48.26	51.60
21	50.80	54.14
22	53.34	56.68
23	55.88	59.22
24	58.42	61.76
25	60.96	64.30
26	63.50	66.84
27	66.04	69.38
28	68.58	71.92
29	71.12	74.46
30	73.66	77.00
31	76.20	79.54
32	78.74	82.08
33	81.28	84.62
34	83.82	87.16
35	86.36	89.70
36	88.90	92.24
37	91.44	94.78
38	93.98	97.32
39	96.52	99.86
40	99.06	102.40

Ordering Grid



No. of Contacts
02 to 40

Packing Options
 D = Tube (Standard)
 E = Tube with Cap
 F = Tube with Film
 G = Plastic Box

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

Insulator Material
 N = Nylon 6T (Standard)
 L = LCP

Tail Length (1/100mm)
 0350 = 3.50mm

Part Number BG130		Product Description 2.54mm Pitch Socket, Single Row, Through-Hole, Vertical	
Drawing Date 30th October 2006			
By	CC	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	BG130 E PCN	Length X. ± 0.30 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10	Angle X.° ± 5° X.X° ± 3° X.XX° ± 2° X.XXX° ± 1°
Revision	E2	3rd Angle Projection	
Date	16/11/17		

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