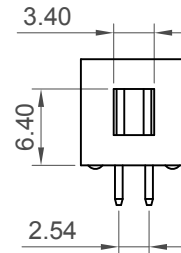
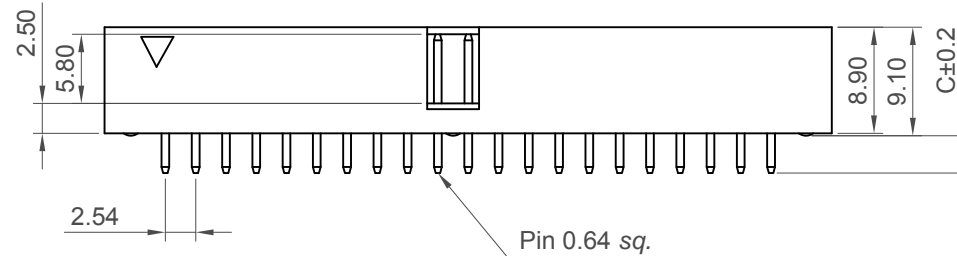


Number of Contacts	Dimensions	
	A	B
6	5.08	15.27
8	7.62	17.81
10	10.16	20.35
12	12.70	22.89
14	15.24	25.43
16	17.78	27.97
18	20.32	30.51
20	22.86	33.05
22	25.40	35.59
24	27.94	38.13
26	30.48	40.67
28	33.02	43.21
30	35.56	45.75
32	38.10	48.29
34	40.64	50.83
36	43.18	53.37
38	45.72	55.91
40	48.26	58.45
42	50.80	60.99
44	53.34	63.53
46	55.88	66.07
48	58.42	68.61
50	60.96	71.15
52	63.50	73.69
54	66.04	76.23
56	68.58	78.77
58	71.12	81.31
60	73.66	83.85
62	76.20	86.39
64	78.74	88.93



**Specifications**

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

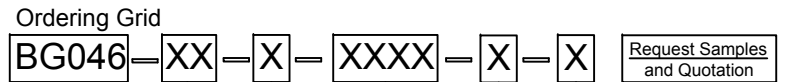
**Plating**  
 Contact: See Ordering Grid

**Electrical**  
 Current Rating: 3 Amp  
 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 3-5sec  
 (Not suitable for hi-temp process)

Mates with (Subject to Pin Length)  
 Allowing perfect polarisation: BG215 BG216  
 Non-Polarised mating connections available - contact GCT for details



**No. of Contacts**  
 06 to 64

**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**

**Dimension C (1/100mm) (Tail Length)**  
**0300 = 3.00mm (Standard)**  
 Or specify Dimension C  
 eg. 0250 = 2.50mm  
 (Maximum 1000 = 10.00mm)  
 (Minimum 0050 = 0.50mm)

**Packing Options**

**H = Tray (Standard)**  
**D = Tube (not available for 6 & 8 contact versions)**

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

Part Number		Product Description	
BG046		2.54mm Pitch Shrouded Header, Dual Row, Through Hole, Vertical	
Drawing Date		5th April 2007	
By	CC	Tolerances (Except as Noted)	Units:
Detail	BG046 C 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	C1		Metric (mm)
Date	20/10/17		3rd Angle Projection



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