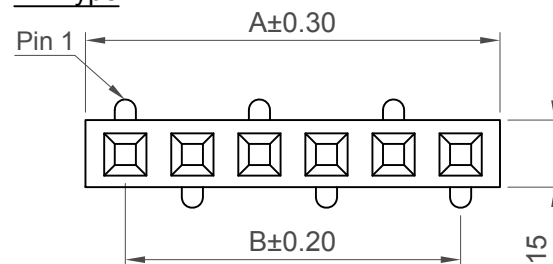
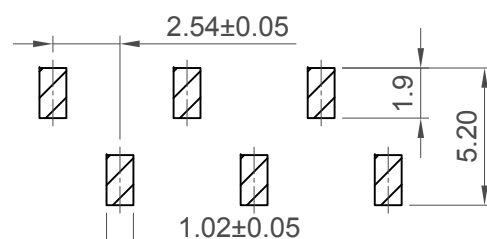
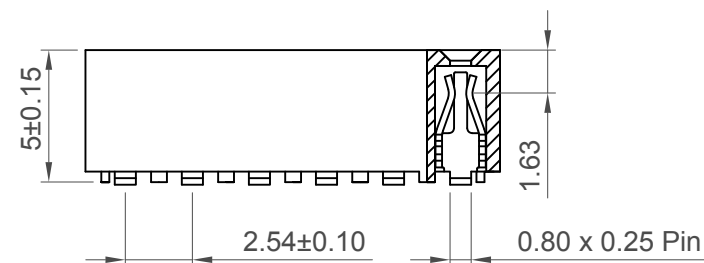
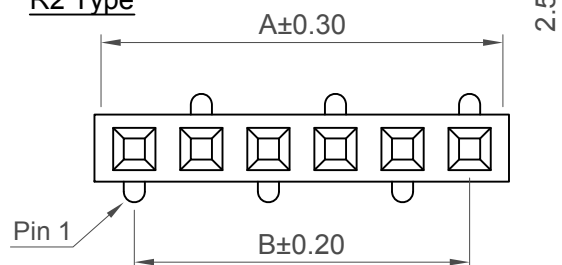


R1 Type

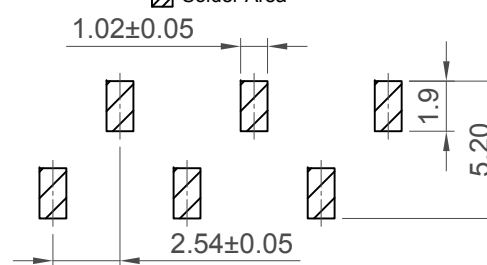


R2 Type



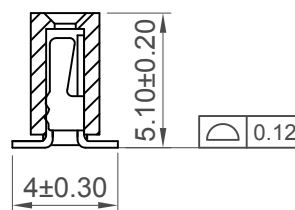
Recommended PCB Layout

☐ Solder Area



Recommended PCB Layout

☐ Solder Area



Number of Contacts	Dimensions	
	A	B
2	5.58	2.54
3	8.12	5.08
4	10.66	7.62
5	13.20	10.16
6	15.74	12.70

Specifications 规格

Material 物料

Insulator 塑胶外壳: LCP, 30% GF, UL94V-0, Natural

Contact 接触端子: Phosphor Bronze

Plating 电镀

Underplating 底层电镀: 50μ"-100μ" Nickel all over

Contact Area 接触部分: See Ordering Grid

Electrical 电气

Current Rating 电流额定值: 3A per pin

Contact Resistance 接触电阻值: 20 mΩ max.

Insulating Resistance 绝缘电阻值: 1000 MΩ min.

Dielectric Withstand Voltage 耐电压: 500V AC

Soldering Process 可焊性:

IR Reflow 回流焊: 260°C for 10 sec.

Manual Solder 人工焊接: 350°C for 3-5 sec.

Mechanical & Environmental 机械 & 环境

Operating Temperature 工作温度: -40°C to +105°C

Mates With 配套之公头:

BG301 (4.00mm pin length) BG303 BG304 BG305

Standard black version of BG306 is BG125

Ordering Grid

BG306 = XX = X = X = 0400 = L = X Request Samples and Quotation

No. of Contacts

02 to 06

Contact Plating

A = Gold Flash All Over

(Other plating options available on request)

Type

1 = R1 Type (Standard)

2 = R2 Type

Packing Options

B = Tape & Reel with Cap (available in 3, 4, 5 & 6 contacts)

(MOQ 1,200 pieces - Standard R1 Footprint)

G = Plastic Box (available in 2 contacts)

(MOQ 1,000 pieces - Standard R1 Footprint)

Insulator Material

L = LCP (Natural)

Footprint width (1/100mm)

0400 = 4.00mm

Part Number		Product Description	
BG306		2.54mm Pitch Pin Socket, Single Row	
Drawing Date		Vertical, Top Entry, Surface Mount, Natural LCP	
18th April 2012			
By	CC	Tolerances (Except as Noted)	Units:
Detail	BG306	Length	Metric (mm)
Revision	D1	Angle	
Date	30/11/16	X. ± 0.30	X.° ± 4°
		X.X ± 0.20	X.X° ± 3°
		X.XX ± 0.30	X.XX° ± 2°
		X.XXX ± 0.20	X.XXX° ± 1°



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Not to Scale Drawn By ASE Sheet No. 1/2

H

G



D



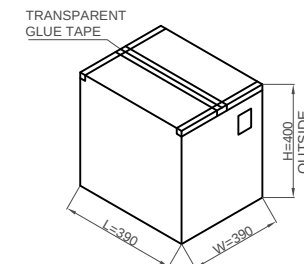
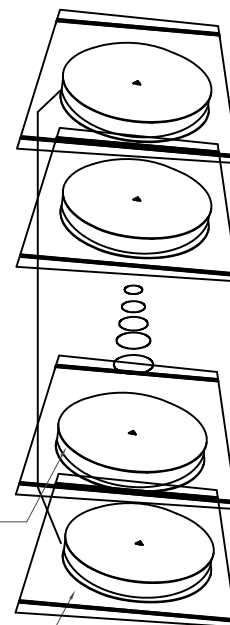
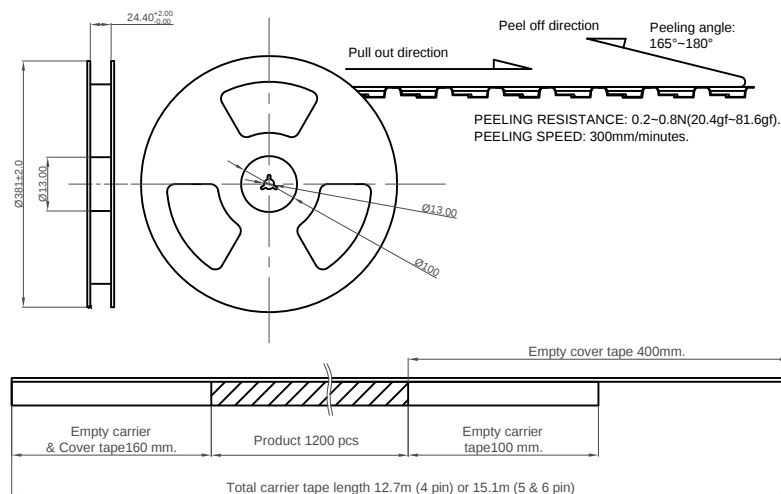
A



1

3

5



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Not to Scale	Drawn By ASE	Sheet No. 2/2
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