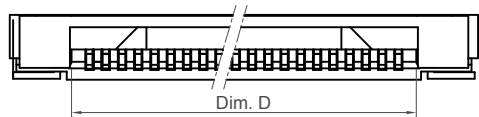
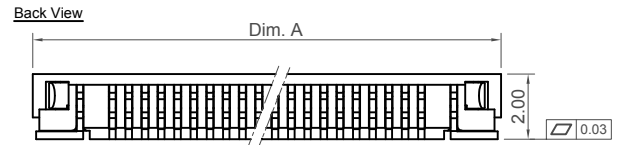


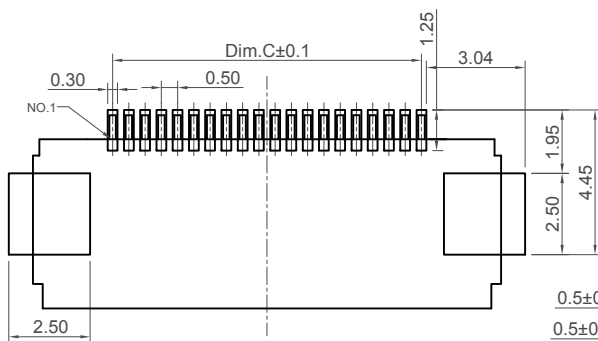
Top View



Front View

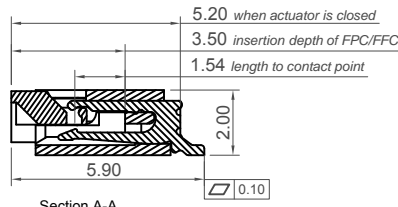


Back View

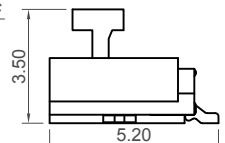


Recommended PCB Layout  
As viewed from component side

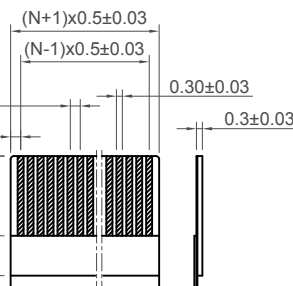
Side Views



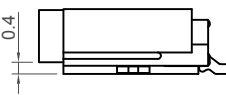
Section A-A



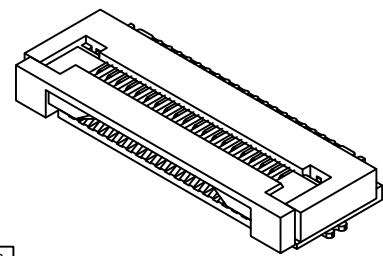
When Actuator is Open



Recommended FFC/FPC  
Dimensions  
Thickness: 0.30±0.03



When Actuator is Closed



Specification 规格:

Material 物料规格:

Housing Material: High-Temp Plastic LCP, UL 94V-0, White 高温塑胶  
 Actuator: LCP, UL 94V-0, Black  
 Contact: Phosphor Bronze 磷青铜  
 Finish (a) Contact Plating: see ordering grid  
 (b) Underplating: Nickel-plated all over  
 Fitting Nail: Brass, tin plated 黄铜, 镀锡

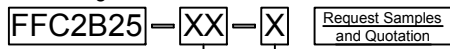
Mechanical

Durability: 20 Cycles

Electrical 电气规格:

Voltage Rating (Max.): 50V AC/DC 最大额定电压 50V AC/DC  
 Current Rating (Max.): 0.4A AC/DC 最大额定电流 0.4A AC/DC  
 Dielectric Strength: 250V AC for 1 minute  
 between adjacent terminal, no breakdown  
 电介质强度: 250V AC于相邻端子, 1分钟, 无损害  
 Insulation Resistance: 50 MΩ Min. 250V DC  
 for 1 minute between adjacent terminal  
 绝缘阻抗: 50MΩ, 250V DC 于相邻端子1分钟  
 Contact Resistance: 40 mΩ Max. 连接阻抗: 40 毫欧  
 Operating Temperature: -25°C to +85°C 工作温度: -25° to +85°  
 Solder Profile: Peak Temp 260°C (+0/-5°C) Maximum (5 seconds)

Ordering Grid



No. of Contacts  
04 - 60  
(see dimension table)

Contact Plating  
T = Tin Plating over all (Standard)  
(reel qty=2000pcs)  
G = Gold Flash over all  
(reel qty=2000pcs, MOQ 3 reels)

Pin No.	Dim.A	Dim.B	Dim.C	Dim.D
* 4	6.40	3.50	1.50	2.60
* 5	6.90	4.00	2.00	3.10
* 6	7.40	4.50	2.50	3.60
* 7	7.90	5.00	3.00	4.10
* 8	8.40	5.50	3.50	4.60
* 9	8.90	6.00	4.00	5.10
* 10	9.40	6.50	4.50	5.60
* 11	9.90	7.00	5.00	6.10
* 12	10.40	7.50	5.50	6.60
* 13	10.90	8.00	6.00	7.10
* 14	11.40	8.50	6.50	7.60
* 15	11.90	9.00	7.00	8.10
* 16	12.40	9.50	7.50	8.60
* 17	12.90	10.00	8.00	9.10
* 18	13.40	10.50	8.50	9.60
* 19	13.90	11.00	9.00	10.10
* 20	14.40	11.50	9.50	10.60
* 21	14.90	12.00	10.00	11.10
* 22	15.40	12.50	10.50	11.60
* 23	15.90	13.00	11.00	12.10
* 24	16.40	13.50	11.50	12.60
* 25	16.90	14.00	12.00	13.10
* 26	17.40	14.50	12.50	13.60
* 27	17.90	15.00	13.00	14.10
* 28	18.40	15.50	13.50	14.60
* 29	18.90	16.00	14.00	15.10
* 30	19.40	16.50	14.50	15.60
* 31	19.90	17.00	15.00	16.10
* 32	20.40	17.50	15.50	16.60
* 33	20.90	18.00	16.00	17.10
* 34	21.40	18.50	16.50	17.60
* 35	21.90	19.00	17.00	18.10
* 36	22.40	19.50	17.50	18.60
* 37	22.90	20.00	18.00	19.10
* 38	23.40	20.50	18.50	19.60
* 39	23.90	21.00	19.00	20.10
* 40	24.40	21.50	19.50	20.60
* 41	24.90	22.00	20.00	21.10
* 42	25.40	22.50	20.50	21.60
* 43	25.90	23.00	21.00	22.10
* 44	26.40	23.50	21.50	22.60
* 45	26.90	24.00	22.00	23.10
* 46	27.40	24.50	22.50	23.60
* 47	27.90	25.00	23.00	24.10
* 48	28.40	25.50	23.50	24.60
* 49	28.90	26.00	24.00	25.10
* 50	29.40	26.50	24.50	25.60
* 51	29.90	27.00	25.00	26.10
* 52	30.40	27.50	25.50	26.60
* 53	30.90	28.00	26.00	27.10
* 54	31.40	28.50	26.50	27.60
* 55	31.90	29.00	27.00	28.10
* 56	32.40	29.50	27.50	28.60
* 57	32.90	30.00	28.00	29.10
* 58	33.40	30.50	28.50	29.60
* 59	33.90	31.00	29.00	30.10
* 60	34.40	31.50	29.50	30.60

\* = Toolled Parts  
 Please contact GCT for non-tooled parts  
 Non-tooled MOQ 10k pcs

Part Number		Product Description	
FFC2B25		FPC 0.5mm Pitch Side Entry, Bottom Contact, SMT, Height=2.0mm, ZIF, Flip Lock Type	
Drawing Date		29th May 2010	
By	AJO	Tolerances (Except as Noted)	Units:
Detail	FFC2B25	Length	Metric (mm)
Revision	C PCN	X.X ± 0.30	X.X° ± 2°
Date	16/04/04	X.XX ± 0.15	X.XX° ± 1°
		X.XXX ± 0.10	X.XXX° ± 0.5°
			3rd Angle Projection
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			

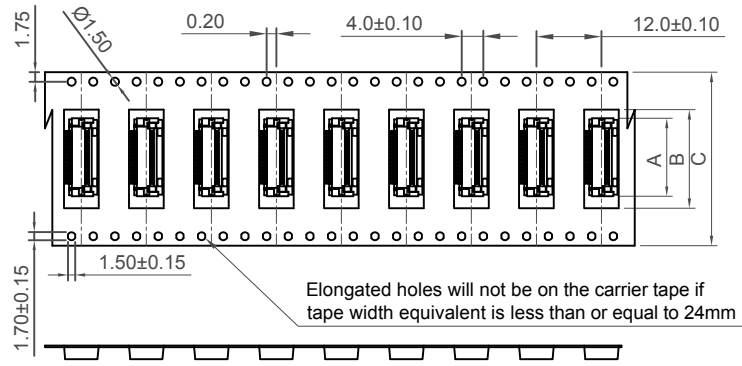
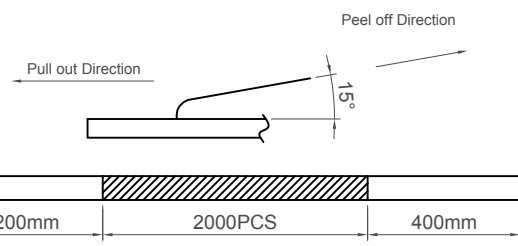
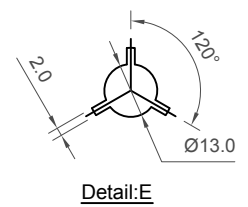
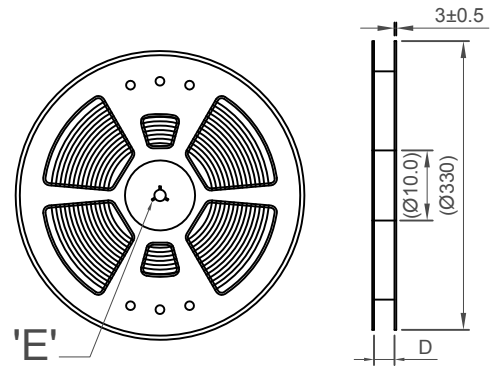
**GCT**  
 Global Connector Technology  
 www.gct.co

Not to Scale | Drawn By PKN | Sheet No. 1/2

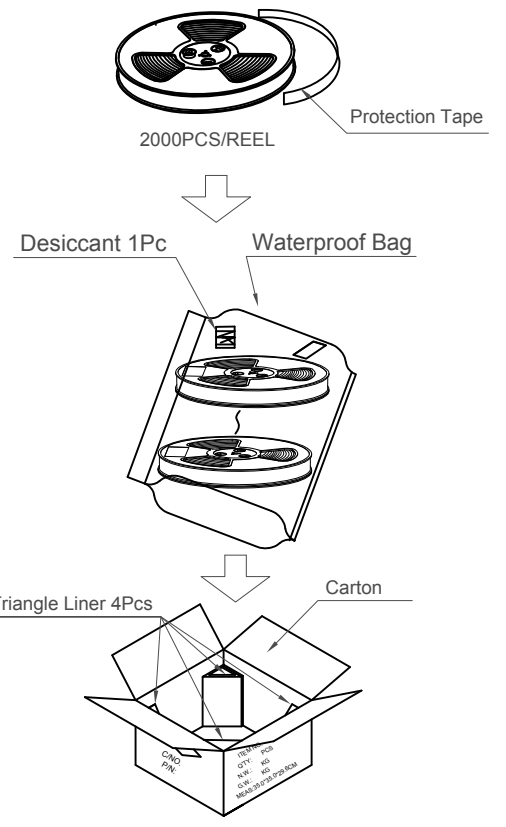
H  
G  
F  
E  
D  
C  
B  
A

1 2 3 4 5 6 7 8

No.of Pins	DIM A	DIM B	DIM C	DIM D
4	6.10	20.00	24.0	26.5
5	6.60			
6	7.10			
7	7.60			
8	8.10			
9	8.60			
10	9.10			
11	9.60			
12	10.10			
13	10.60			
14	11.10			
15	11.60			
16	12.10			
17	12.60			
18	13.10			
19	13.60			
20	14.10			
21	14.60	28.00	32.0	36.5
22	15.10			
23	15.60			
24	16.10			
25	16.60			
26	17.10			
27	17.60			
28	18.10			
29	18.60			
30	19.10			
31	19.60			
32	20.10			
33	20.60			
34	21.10			
35	21.60			
36	22.10			
37	22.60			
38	23.10			
39	23.60			
40	24.10			
41	24.60			
42	25.10			
43	25.60			
44	26.10			
45	26.60			
46	27.10			
47	27.60			
48	28.10			
49	28.60			
50	29.10			
51	29.60			
40.00	44.0	46.5		



- NOTES:
- 1.Number of Connectors: 2000 Rcs/Reel
  - 2.Material  
Carrier Tape:PET,PE,PEF  
Reel:PS
  - 3.Lead Tape Length:
  - 4.Peeling off force of top tape  
0.1N~0.7N(10.2gf~71.4gf)  
(Peeling direction as shown below)



Part Number		Product Description	
FFC2B25		FPC 0.5mm Pitch Side Entry, Bottom Contact, SMT, Height=2.0mm, ZIF, Flip Lock Type	
Drawing Date		29th May 2010	
By	AJO	Tolerances (Except as Noted)	Units:
Detail	FFC2B25	Length	Metric (mm)
Revision	C	X.X ± 0.2	3rd Angle Projection
Date	16/04/04	X.XX ± 0.10	
		X.XXX ± 0.05	
		X.XX° ± 2°	
		X.XX° ± 1°	
		X.XXX° ± 0.5°	



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

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

Not to Scale	Drawn By PKN	Sheet No. 2/2
--------------	--------------	---------------

