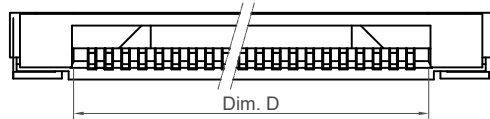
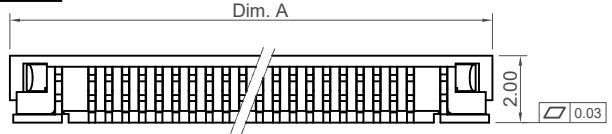


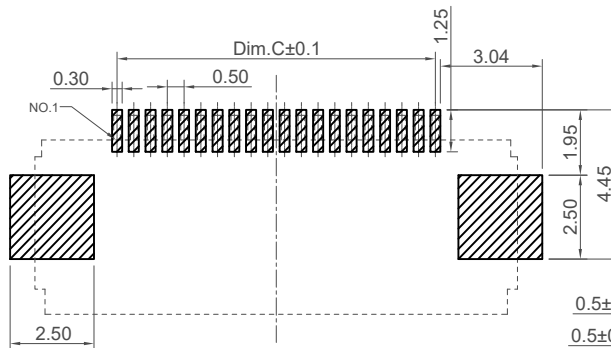
Top View



Front View



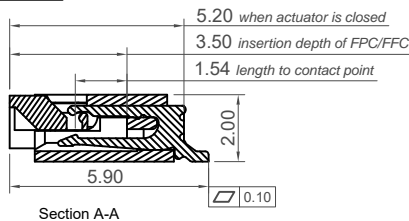
Back View



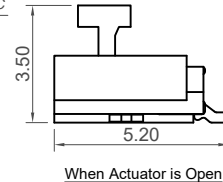
Recommended PCB Layout
as viewed from component side

▨ Solder Area □ Component Outline

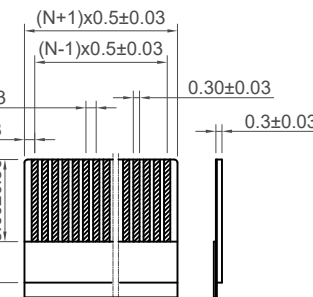
Side Views



Section A-A

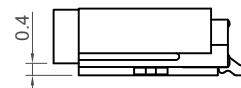


When Actuator is Open

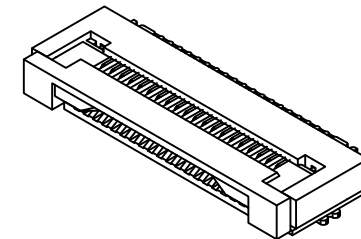


Recommended FFC/FPC
Dimensions

Thickness: 0.30±0.03



When Actuator is Closed



No. of Contacts	Dimensions			
	A	B	C	D
4	6.40	3.50	1.50	2.60
6	7.40	4.50	2.50	3.60
8	8.40	5.50	3.50	4.60
11	9.90	7.00	5.00	6.10
12	10.40	7.50	5.50	6.60
16	12.40	9.50	7.50	8.60
22	15.40	12.50	10.50	11.60
24	16.40	13.50	11.50	12.60
40	24.40	21.50	19.50	20.60
50	29.40	26.50	24.50	25.60
54	31.40	28.50	26.50	27.60

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

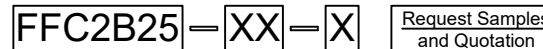
Electrical 电气规格:

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. 接触阻抗: 40 毫欧

Mechanical & Environmental 机械 & 环境

Durability: 20 Cycles
 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 - 54

(see dimension table)

Contact Plating

T = Tin Plating over all (Standard)

(reel qty=2000pcs)

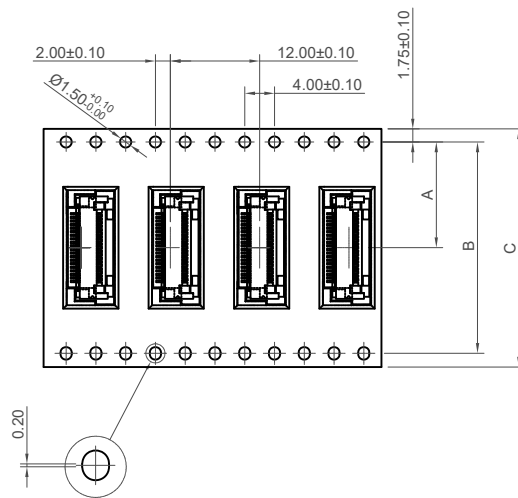
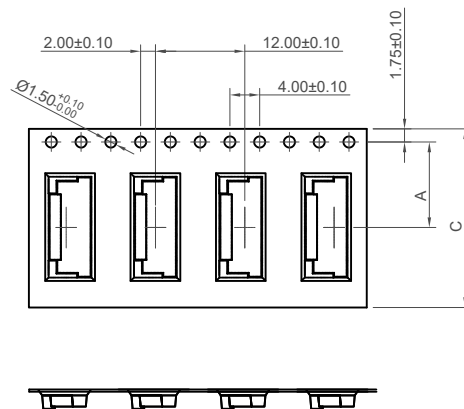
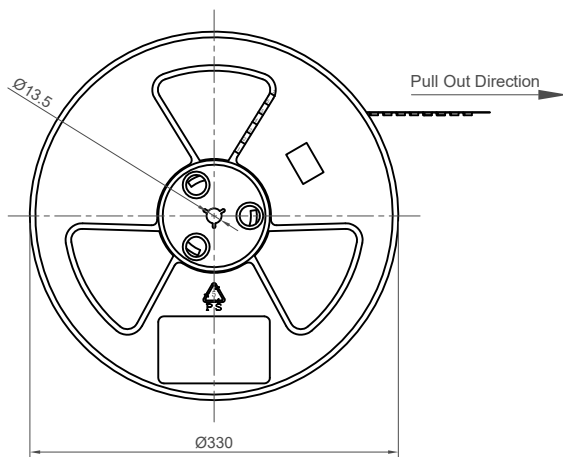
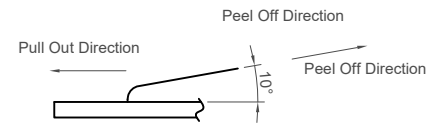
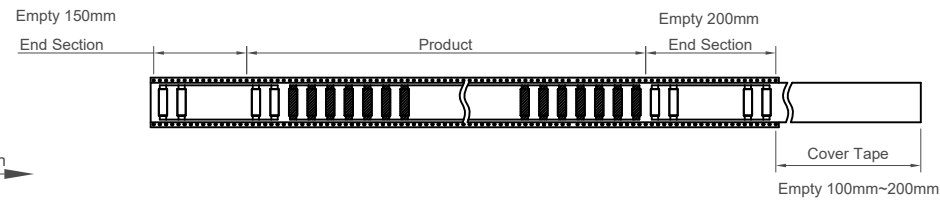
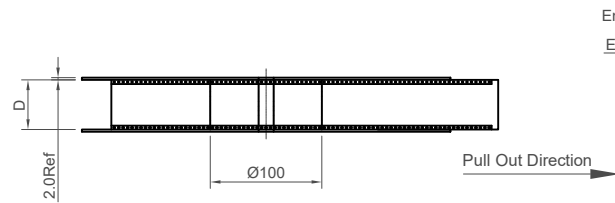
G = Gold Flash over all

(reel qty=2000pcs)

Part Number		Product Description	
FFC2B25		FPC 0.5mm Pitch Side Entry, Bottom Contact,	
Drawing Date		SMT, Height=2.0mm, ZIF, Flip Lock Type	
29th May 2010			
By	CC	Tolerances (Except as Noted)	
Detail	FFC2B25 D PCN	Length	Angle
Revision	D	X.X ± 0.30	X.X° ± 2°
Date	22/12/16	X.XX ± 0.15	X.XX° ± 1°
		X.XXX ± 0.10	X.XXX° ± 0.5°
Units:		Metric (mm)	
Halogen Free		3rd Angle Projection	
RoHS COMPLIANT 2011/85/EU		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	
Not to Scale		Drawn By PKN	
Sheet No. 1/2			



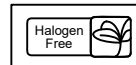
www.gct.co



No. of Contacts	Dimensions			
	A	B	C	D
4 ~ 9	7.5±0.20	/	16.0±0.30	16.4±0.30
10 ~ 24	11.5±0.20	/	24.0±0.30	24.4±0.30
25 ~ 34	14.2±0.20	28.4±0.20	32.0±0.30	32.4±0.30
35 ~ 54	20.2±0.25	40.4±0.20	44.0±0.30	44.4±0.30

- NOTES:
- Number of Connectors:
2000 Pcs/Reel
 - Material
Carrier Tape: PET, PE, PEF
Reel: PS
 - Peeling off force of top tape
30gf~130gf

Part Number		Product Description	
FFC2B25		FFC 0.5mm Pitch Side Entry, Bottom Contact, SMT, Height=2.0mm, ZIF, Flip Lock Type	
Drawing Date		29th May 2010	
By	CC	Tolerances (Except as Noted)	
Detail	FFC2B25 D PCN	Length	Angle
Revision	D	X.X ± 0.20	X.X° ± 2°
Date	22/12/16	X.XX ± 0.10	X.XX° ± 1°
		X.XXX ± 0.05	X.XXX° ± 0.5°
		Units:	Metric (mm)
		3rd Angle Projection	



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