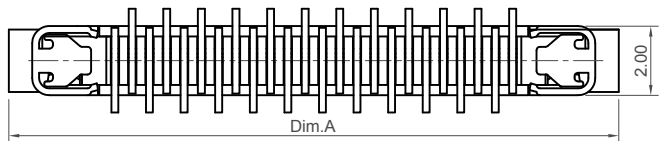
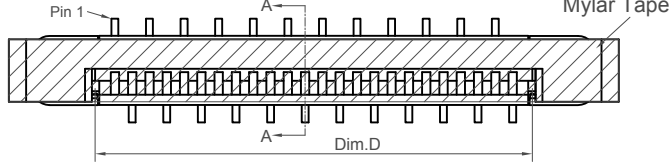
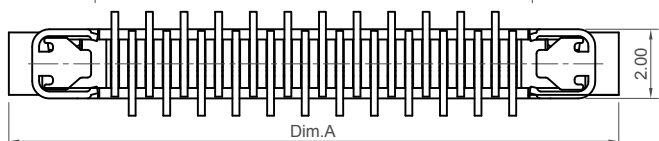
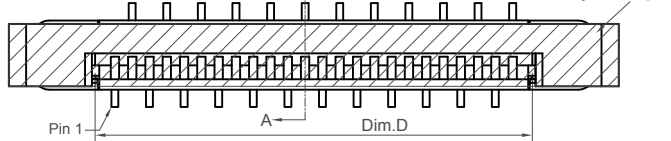


**Left Footprint
Version (Standard)**



**Right Footprint
Version**



Specifications 规格

Material 物料

Housing: High-Temp Plastic,
LCP, UL 94V-0, White
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

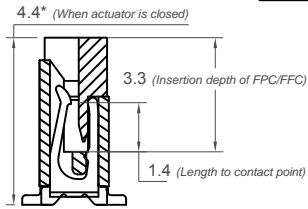
Mechanical & Environmental 机械 & 环境

Durability: 20 Cycles
Operating Temperature: -25°C to +85°C
Solder Profile: Peak Temp 260°C (+0/-5°C) max. (5 seconds)

Electrical 电气

Voltage Rating: 50V AC/DC max.
Current Rating : 0.4A AC/DC max.
Dielectric Strength: 250V AC for 1 minute
between adjacent terminal, no breakdown
Insulation Resistance: 50 MΩ min. 250V DC for 1 minute
between adjacent terminal
Contact Resistance: 40 mΩ max.

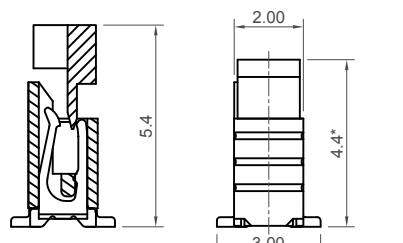
Side Views



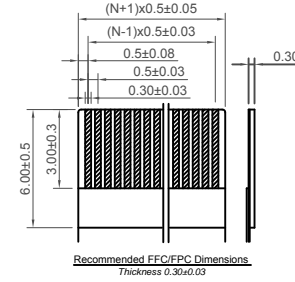
Section A-A

* 4.4mm with 4 to 34 contacts
4.9mm with 35 and above contacts

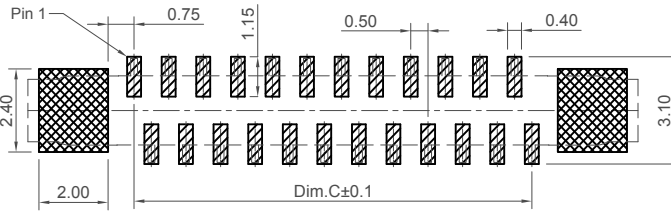
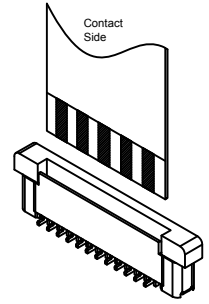
When Actuator is opened



* 4.4mm with 4 to 34 contacts
4.9mm with 35 and above contacts

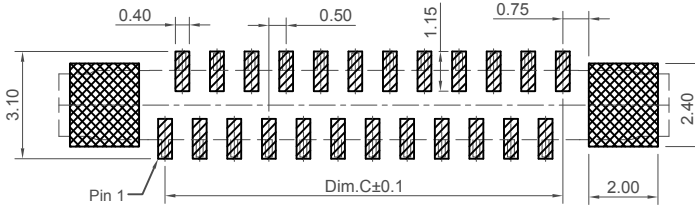


Recommended FFC/FFC Dimensions
Thickness 0.30±0.03

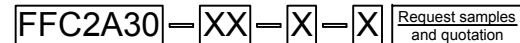


Recommended PCB Layouts
As viewed from component side

▨ Solder Area ▩ Keep Out Area □ Component Outline



Ordering Grid



No. of Contacts
04 - 40
(see dimension table)

Contact Footprint
L=Left (Standard)
R=Right

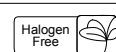
Contact Plating
T=Tin Plating over all (Standard)
(1000pcs per reel)
G=Gold Flash over all
(1000pcs per reel) (MOQ 5 reels)

Pin No.	Dim.A	Dim.B	Dim.C	Dim.D
* 4	7.6	6.5	1.50	2.60
* 5	8.1	7.0	2.00	3.10
* 6	8.6	7.5	2.50	3.60
* 7	9.1	8.0	3.00	4.10
* 8	9.6	8.5	3.50	4.60
* 9	10.1	9.0	4.00	5.10
* 10	10.6	9.5	4.50	5.60
* 11	11.1	10.0	5.00	6.10
* 12	11.6	10.5	5.50	6.60
* 13	12.1	11.0	6.00	7.10
* 14	12.6	11.5	6.50	7.60
* 15	13.1	12.0	7.00	8.10
* 16	13.6	12.5	7.50	8.60
* 17	14.1	13.0	8.00	9.10
* 18	14.6	13.5	8.50	9.60
* 19	15.1	14.0	9.00	10.10
* 20	15.6	14.5	9.50	10.60
* 21	16.1	15.0	10.00	11.10
* 22	16.6	15.5	10.50	11.60
* 23	17.1	16.0	11.00	12.10
* 24	17.6	16.5	11.50	12.60
* 25	18.1	17.0	12.00	13.10
* 26	18.6	17.5	12.50	13.60
* 27	19.1	18.0	13.00	14.10
* 28	19.6	18.5	13.50	14.60
* 29	20.1	19.0	14.00	15.10
* 30	20.6	19.5	14.50	15.60
* 31	21.1	20.0	15.00	16.10
* 32	21.6	20.5	15.50	16.60
* 33	22.1	21.0	16.00	17.10
* 34	22.6	21.5	16.50	17.60
35	23.1	22.0	17.00	18.10
* 36	23.6	22.5	17.50	18.60
* 37	24.1	23.0	18.00	19.10
* 38	24.6	23.5	18.50	19.60
39	25.1	24.0	19.00	20.10
* 40	25.6	24.5	19.50	20.60

* = Tooled Parts

Please contact GCT for non-tooled parts Non-tooled MOQ 10k pcs

Part Number		Product Description	
FFC2A30		FPC 0.5mm Pitch Top Entry, Left or Right Footprint, SMT, Height=4.4mm, ZIF, Slide Type	
Drawing Date		24th May 2010	
By	AJO	Tolerances (Except as Noted)	Units:
Detail	FFC2A30 E PCN	Length	Metric (mm)
Revision	E	Angle	3rd Angle Projection
Date	17/03/15	X.X ± 0.30	X.X° ± 2°
		X.XX ± 0.15	X.XX° ± 1°
		X.XXX ± 0.10	X.XXX° ± 0.5°

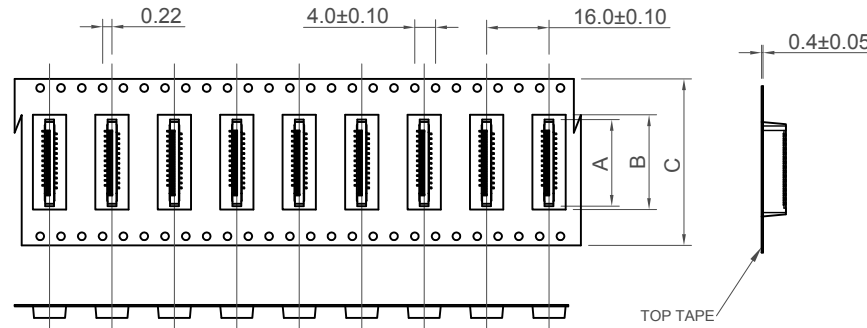
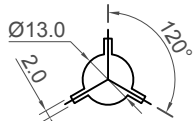
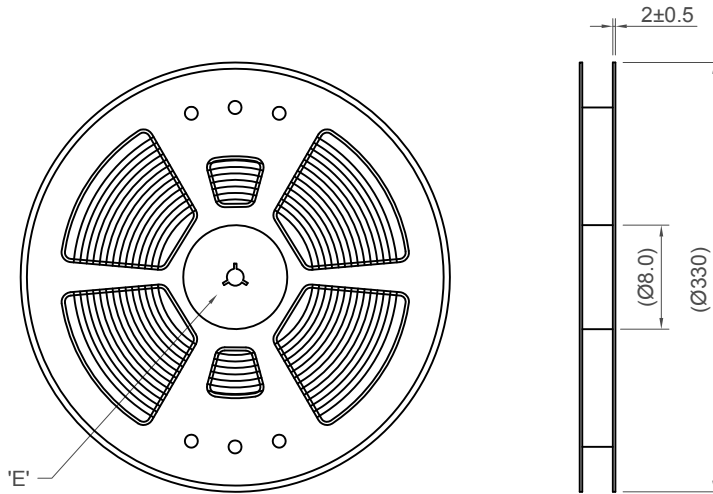


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Not to Scale Drawn By PKN Sheet No. 1/2

Pin No.	Dim.A	Dim.B	Dim.C	Dim.D
4	7.6	8.1	16	16.5
5	8.1	8.6		
6	8.6	9.1		
7	9.1	9.6		
8	9.6	10.1	24	24.5
9	10.1	10.6		
10	10.6	11.1		
11	11.1	11.6		
12	11.6	12.1		
13	12.1	12.6		
14	12.6	13.1		
15	13.1	13.6		
16	13.6	14.1	32	32.5
17	14.1	14.6		
18	14.6	15.1		
19	15.1	15.6		
20	15.6	16.1		
21	16.1	16.6		
22	16.6	17.1		
23	17.1	17.6		
24	17.6	18.1	44	44.5
25	18.1	18.6		
26	18.6	19.1		
27	19.1	19.6		
28	19.6	20.1		
29	20.1	20.6		
30	20.6	21.1		
31	21.1	21.6		
32	21.6	22.1	44	44.5
33	22.1	22.6		
34	22.6	23.1		
35	23.1	23.6		
36	23.6	24.1		
37	24.1	24.6		
38	24.6	25.1		
39	25.1	25.6		
40	25.6	26.1		



NOTES:

1.Number of Connectors:

1000 Pcs/Reel

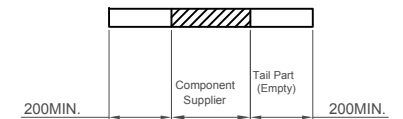
2.Material

Carrier Tape:PET,PE,PEF

Reel:PS

3.Lead Tape Length:

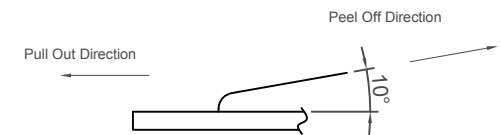
PULL OUT DIRECTION



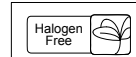
4.Peeling off force of top tape

0.5N~1.2N(51.0gf~122.4gf)

(Peeling direction as shown in following fig)



Part Number		Product Description	
FFC2A30		FPC 0.5mm Pitch Top Entry, Left or Right Footprint, SMT, Height=4.4mm, ZIF, Slide Type	
Drawing Date		24th May 2010	
By	AJO	Tolerances (Except as Noted)	Units:
Detail	FFC2A30	Length	Metric (mm)
Revision	E PCN	X.X ± 0.30	X.X° ± 2°
Date	E	X.XX ± 0.15	X.XX° ± 1°
	17/03/15	X.XXX ± 0.10	X.XXX° ± 0.5°



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