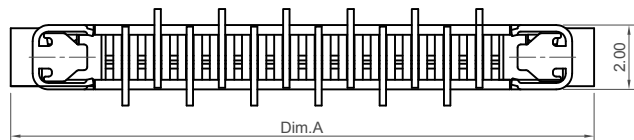
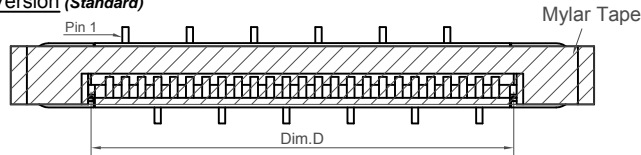
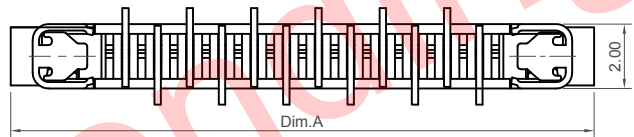
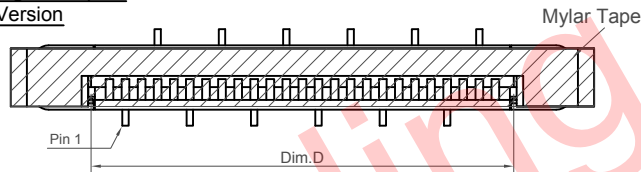


**Left Footprint  
Version (Standard)**



**Right Footprint  
Version**



**Specifications 规格**

**Material 物料**

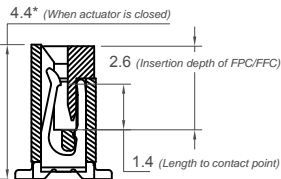
Housing: High-Temp Plastic,  
LCP, UL 94V-0, White  
Actuator: LCP, UL 94V-0, Black  
Contact: Phosphor Bronze 磷青铜  
Finish (a) Contact Plating: see ordering grid  
(b) Underplating: Nickel-plated all over  
Fitting Nail: Brass, tin plated

**Electrical 电气**

Voltage Rating: 50V AC/DC max.  
Current Rating : 0.4A AC/DC max.  
Dielectric Strength: 500V 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.

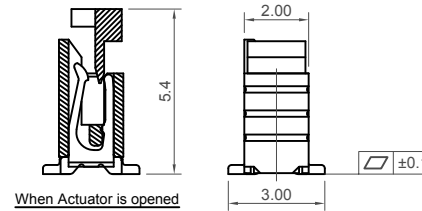
**Mechanical & Environmental 机械 & 环境**

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



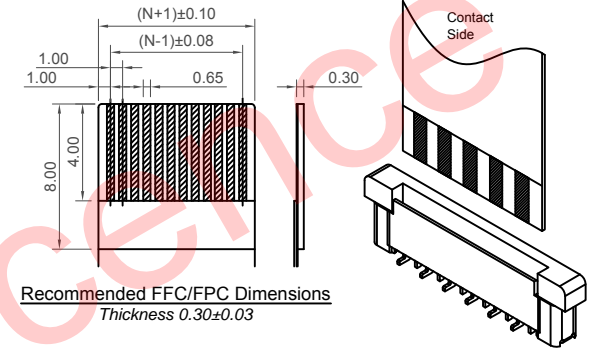
**Section A-A**

\* 4.4mm with 4 to 16 contacts  
\* 4.9mm with 17 and above contacts

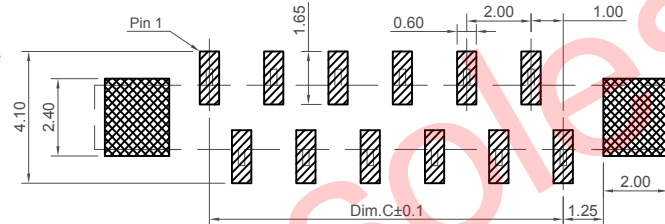


**When Actuator is opened**

\* 4.4mm with 4 to 16 contacts  
\* 4.9mm with 17 and above contacts

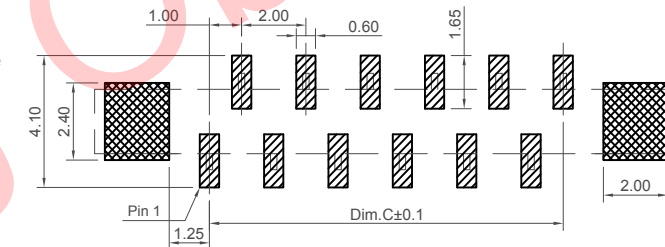


**Recommended FFC/FPC Dimensions**  
Thickness 0.30±0.03



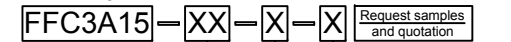
**Recommended PCB Layouts**  
As viewed from component side

▨ Solder Area   ▩ Keep Out Area   □ Component Outline



No. of Contacts	Dimension			
	A	B	C	D
4	10.10	8.8	3.00	5.10
5	11.10	9.8	4.00	6.10
6	12.10	10.8	5.00	7.10
8	14.10	12.8	7.00	9.10
10	16.10	14.8	9.00	11.10
12	18.10	16.8	11.00	13.10
14	20.10	18.8	13.00	15.10
16	22.10	20.8	15.00	17.10
20	26.10	24.8	19.00	21.10
24	30.10	28.8	23.00	25.10

**Ordering Grid**



No. of Contacts  
04 - 24  
(see dimension table)

Contact Footprint

L=Left (Standard)

R=Right

(Only available in gold circuits:  
5, 8, 12, 14&20)

**Contact Plating**

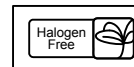
T=Tin Plating over all (Standard)

(Not available in 5 circuits)  
(1000pcs per reel)

G=Gold Flash over all

(Only available in:  
Left footprint: 5 circuits  
Right footprint: 5, 8, 12, 14&20 circuits)  
(1000pcs per reel)

Part Number		Product Description	
FFC3A15		FPC 1.0mm Pitch Top Entry, Left or Right Footprint, SMT, Height=4.4mm, ZIF, Slide Type	
Drawing Date		25th May 2011	
By	CC	Tolerances (Except as Noted)	Units:
Detail	FFC3A15 E PCN	Length X.X ± 0.30 X.XX ± 0.15 X.XXX ± 0.10	Metric (mm)
Revision	E1	Angle X.X° ± 2° X.XX° ± 1° X.XXX° ± 0.5°	3rd Angle Projection
Date	19/04/17		



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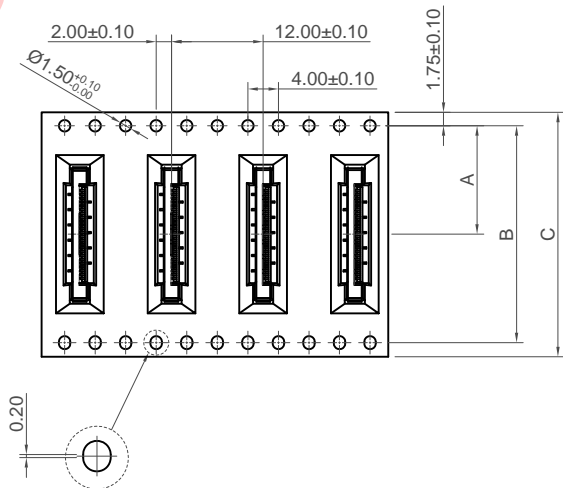
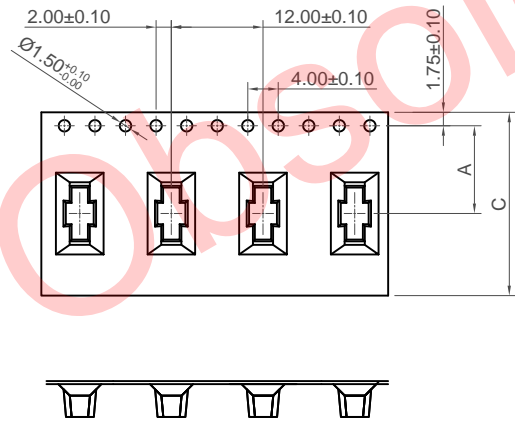
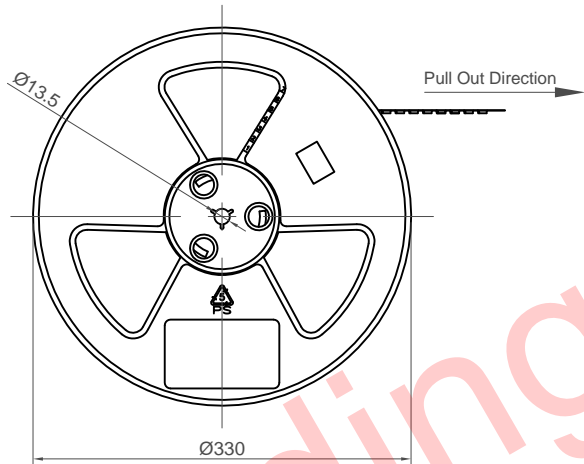
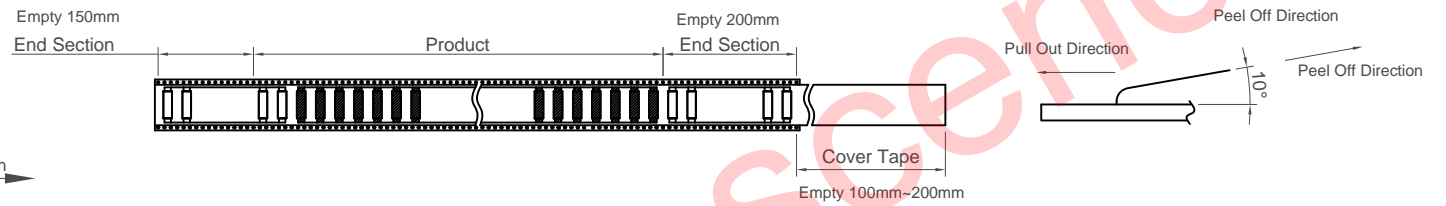
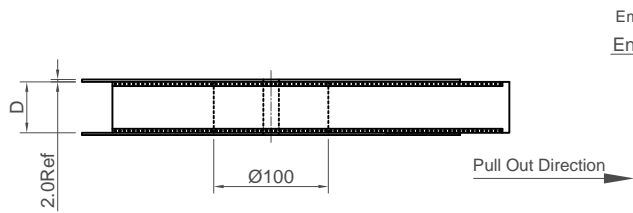
**GCT**

Global Connector Technology  
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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 Contacts	Dimensions			
	A	B	C	D
4 ~ 10	11.5±0.20	/	24.0±0.30	24.4±0.30
11 ~ 14	14.2±0.20	28.4±0.20	32.0±0.30	32.4±0.30
15 ~ 24	20.2±0.25	40.4±0.20	44.0±0.30	44.4±0.30

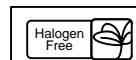
**NOTES:**

1.Number of Connectors:  
1000 Pcs/Reel

2.Material  
Carrier Tape:PET,PE,PEF  
Reel:PS

3.Peeling off force of top tape  
30gf~130gf

Part Number		Product Description	
FFC3A15		FPC 1.0mm Pitch Top Entry, Left or Right Footprint, SMT, Height=4.4mm, ZIF, Slide Type	
Drawing Date		25th May 2011	
By	CC	Tolerances (Except as Noted)	Units:
Detail	FFC3A15 E PCN	Length	Metric (mm)
Revision	E1	X.X ± 0.30	3rd Angle Projection
Date	19/04/17	X.XX ± 0.20	
		X.XXX ± 0.10	
		X.X° ± 5°	
		X.XX° ± 3°	
		X.XXX° ± 1°	



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