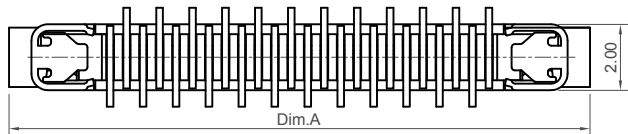
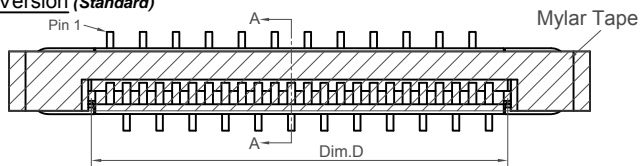
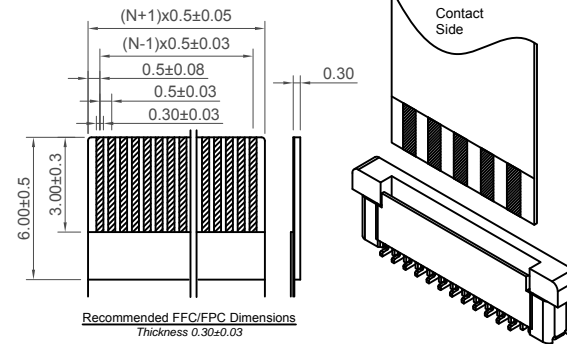
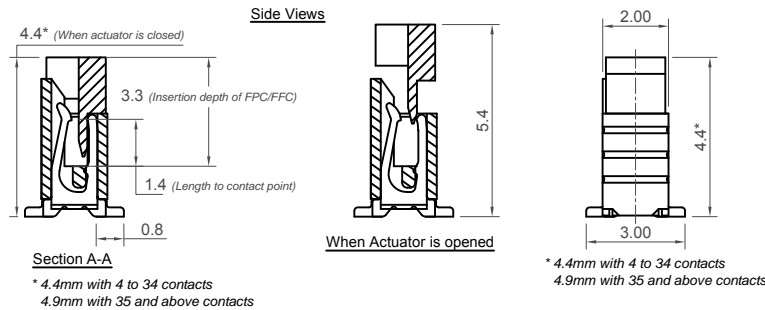
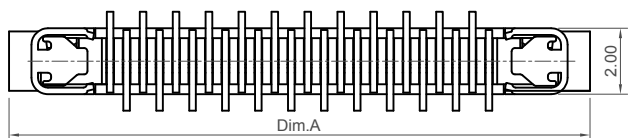
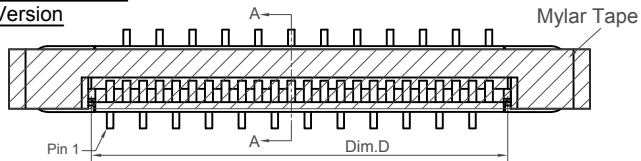


Left Footprint Version (Standard)



Right Footprint Version



Specifications

Material

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

Mechanical & Environmental

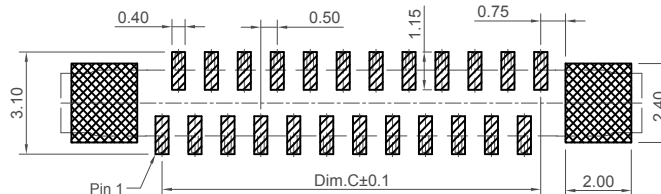
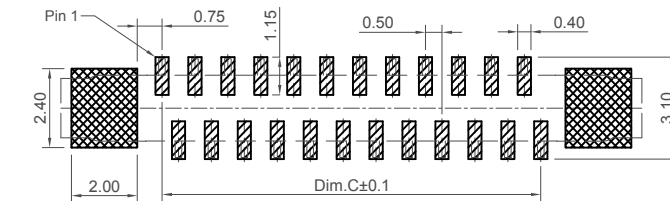
Durability: 20 Cycles
 Operating Temperature: -25°C to +85°C
 Solder Profile: Peak Temp 260°C (+0/-5°C) max. (5 seconds)

Electrical

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.

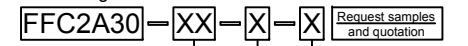
Recommended PCB Layouts
 As viewed from component side

▨ Solder Area ▩ Keep Out Area □ Component Outline



No. of Contacts	Dimensions			
	A	B	C	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
8	9.6	8.5	3.50	4.60
10	10.6	9.5	4.50	5.60
12	11.6	10.5	5.50	6.60
14	12.6	11.5	6.50	7.60
20	15.6	14.5	9.50	10.60
22	16.6	15.5	10.50	11.60
24	17.6	16.5	11.50	12.60
30	20.6	19.5	14.50	15.60
31	21.1	20.0	15.00	16.10
40	25.6	24.5	19.50	20.60

Ordering Grid



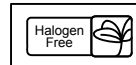
No. of Contacts: 04 - 40 (see dimension table)

Contact Footprint: L=Left (Standard) (Not 31 position), R=Right (Only available for 8, 10, 20 & 31 circuits)

Contact Plating

T= Tin Plating over all (Standard) (1000pcs per reel)
 G= Gold Flash over all (Only available in 31 circuits) (1000pcs per reel)

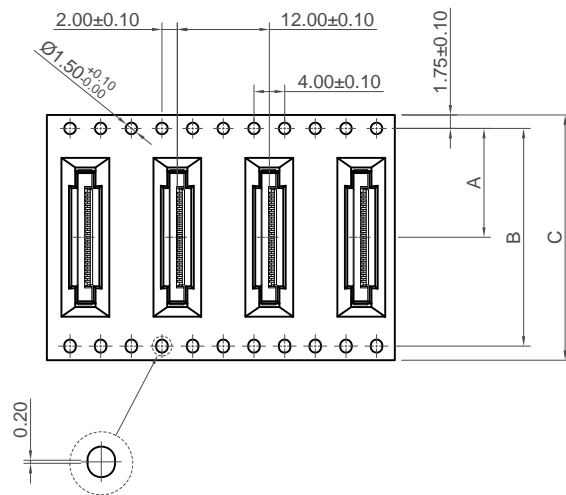
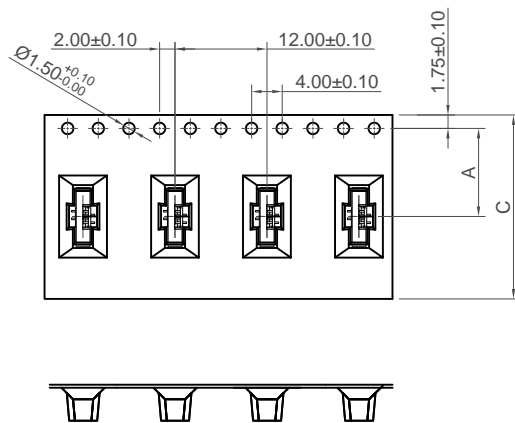
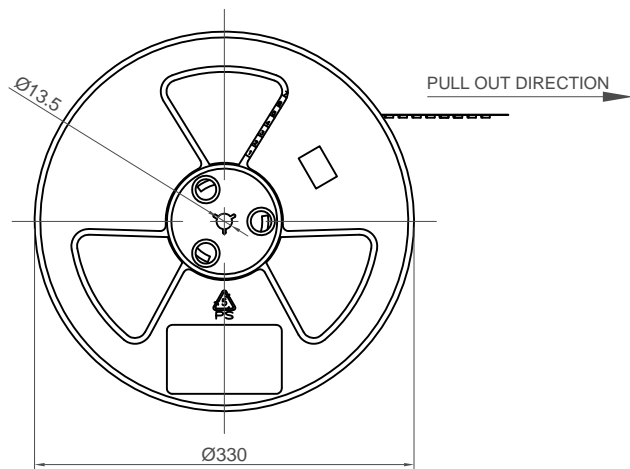
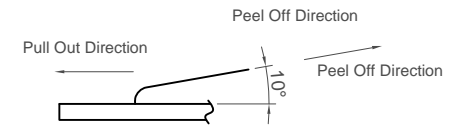
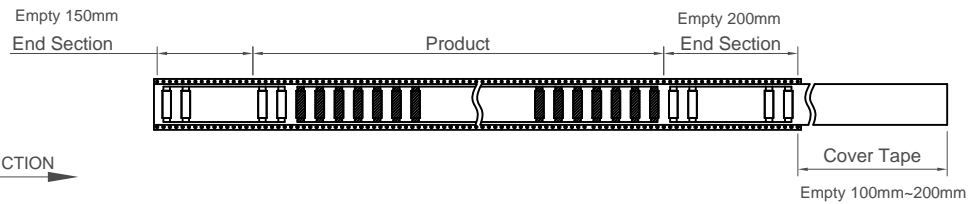
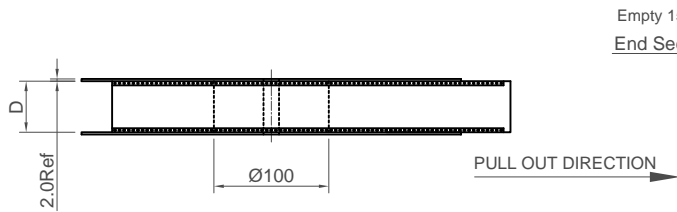
Part Number		Product Description	
FFC2A30		FPC 0.5mm Pitch Top Entry, Left or Right Footprint, SMT, Height=4.4mm, ZIF, Slide Type	
Drawing Date		24th May 2010	
By	CC	Tolerances (Except as Noted)	Units:
Detail	FFC2A30 F PCN	Length	Metric (mm)
Revision	F2	Angle	RoHS COMPLIANT 2011/65/EU
Date	27/07/17	X.X ± 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

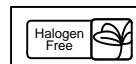


No. of Contacts	Dimensions			
	A	B	C	D
4	7.5±0.20	/	16.0±0.30	16.4±0.30
5 ~ 19&21~22	11.5±0.20	/	24.0±0.30	24.4±0.30
20&23 ~ 30	14.2±0.20	28.4±0.20	32.0±0.30	32.4±0.30
31 ~40	20.2±0.25	40.4±0.20	44.0±0.30	44.4±0.30

NOTES:

- Number of Connectors:
1000 Pcs/Reel
- Material
Carrier Tape:PET,PE,PEF
Reel:PS
- Peeling off force of top tape
30gf~130gf

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	CC	Tolerances (Except as Noted)	Units:
Detail	FFC2A30 F PCN	Length X.X ± 0.30 X.XX ± 0.20 X.XXX ± 0.10	Metric (mm)
Revision	F2	Angle X.X° ± 5° X.XX° ± 3° X.XXX° ± 1°	3rd Angle Projection
Date	27/07/17		



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