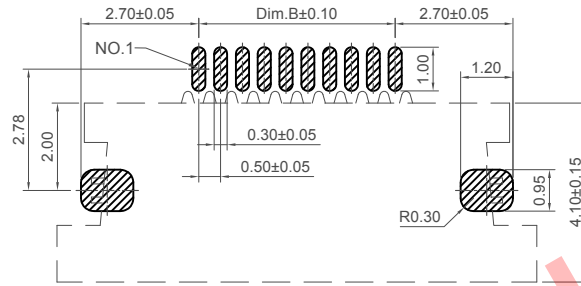
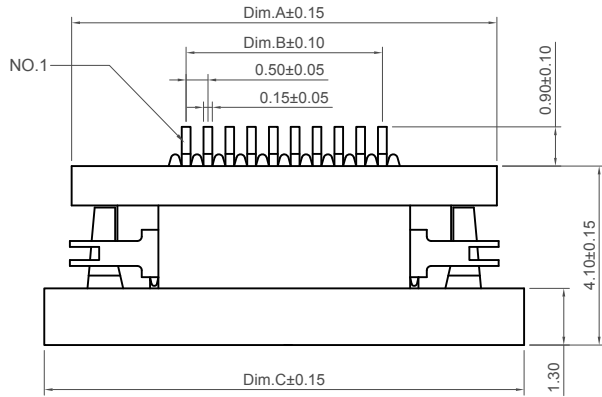
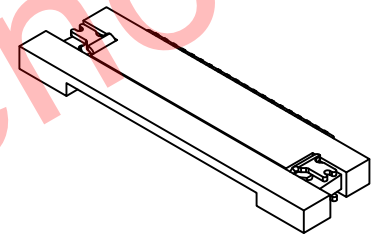
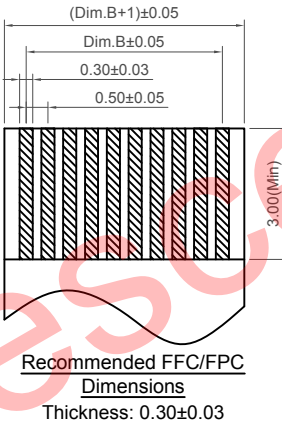


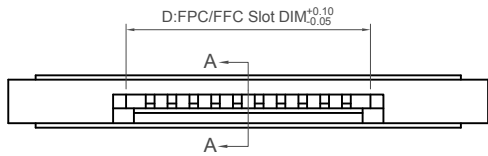
**Top View**



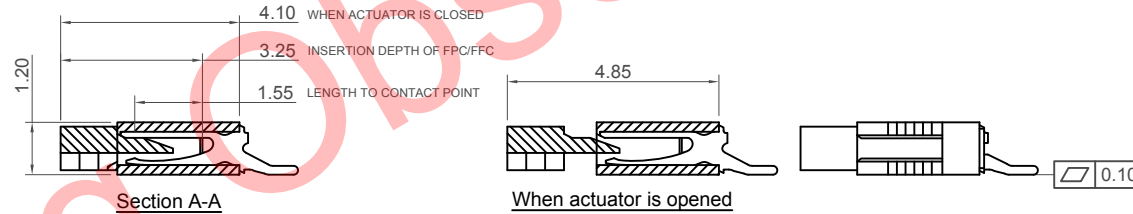
**Recommended PCB Layout**  
as viewed from component side  
 [Hatched] Solder Area [Outline] Component Outline



**Front View**



**Side Views**



No. of Contacts	Dimension			
	A	B	C	D
4	6.75	1.50	8.00	2.60
* 6	7.75	2.50	9.00	3.60
* 7	8.25	3.00	9.50	4.10
* 8	8.75	3.50	10.00	4.60
9	9.25	4.00	10.50	5.10
* 10	9.75	4.50	11.00	5.60
11	10.25	5.00	11.50	6.10
* 12	10.75	5.50	12.00	6.60
13	11.25	6.00	12.50	7.10
* 14	11.75	6.50	13.00	7.60
15	12.25	7.00	13.50	8.10
* 16	12.75	7.50	14.00	8.60
17	13.25	8.00	14.50	9.10
* 18	13.75	8.50	15.00	9.60
19	14.25	9.00	15.50	10.10
* 20	14.75	9.50	16.00	10.60
21	15.25	10.00	16.50	11.10
* 22	15.75	10.50	17.00	11.60
23	16.25	11.00	17.50	12.10
* 24	16.75	11.50	18.00	12.60
25	17.25	12.00	18.50	13.10
26	17.75	12.50	19.00	13.60
27	18.25	13.00	19.50	14.10
* 28	18.75	13.50	20.00	14.60
29	19.25	14.00	20.50	15.10
* 30	19.75	14.50	21.00	15.60

\* = Tooled Parts

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

**Specification:**

**Material:**

Housing Material: 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

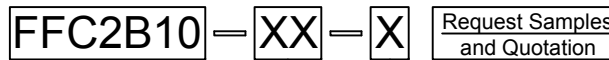
**Electrical:**

Voltage Rating (Max.): 50V AC/DC  
 Current Rating (Max.): 0.4A AC/DC  
 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.

**Mechanical & Environmental**

Durability: 20 Cycles  
 Operating Temperature: -20°C to +80°C  
 Solder Profile: Peak Temp 260°C (+0/-5°C) Maximum (5 seconds)

**Ordering Grid**



No. of Contacts  
04 - 30  
(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

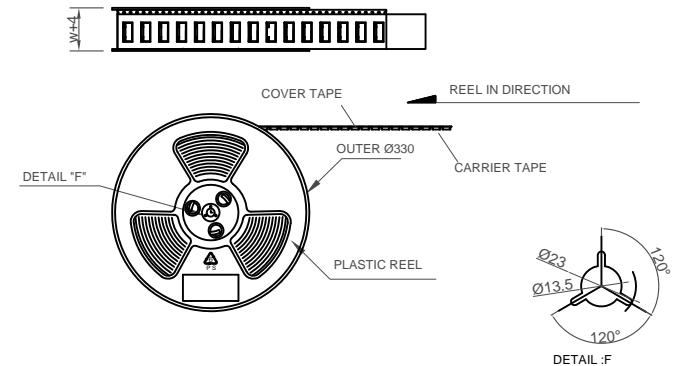
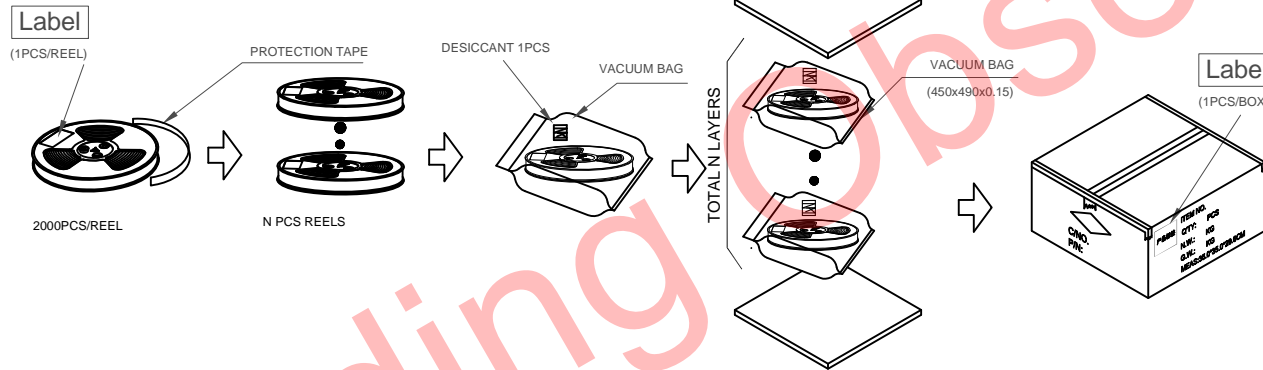
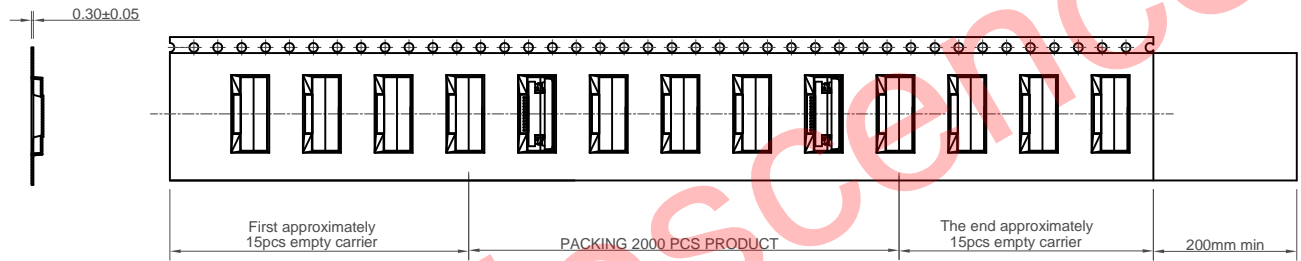
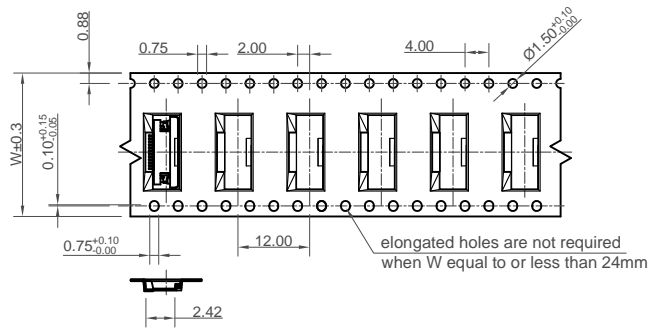
Part Number		Product Description	
FFC2B10		FPC 0.5mm Pitch Side Entry, Bottom Contact, SMT, Height=1.2mm, ZIF, Slide Type	
Drawing Date		13th May 2010	
By	CC	Tolerances (Except as Noted)	Units:
Detail	FFC2B10 D PCN	Length X.X ± 0.50 X.XX ± 0.30 X.XXX ± 0.20	Metric (mm)
Revision	D3	Angle X.X° ± 2° X.XX° ± 1° X.XXX° ± 0.5°	3rd Angle Projection
Date	08/08/17		



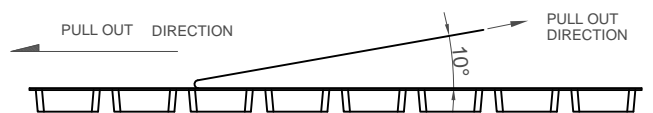
This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE



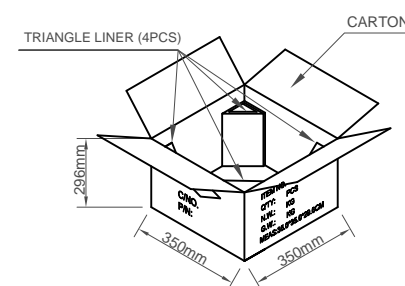
Not to Scale	Drawn By PKN	Sheet No. 1/2
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NOTE:  
 1. PEELING OFF FORCE OF TOP TAPE: 40-80g  
 (PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)  
 THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT  
 PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION.



2. MATERIAL:  
 CARRIER TAPE: POLYSTYREN(PS)  
 TOP TAPE: PE  
 REEL TAPE: POLYSTYREN(PS)



PACKING INFORMATION:

PART NAME	W	PCS/REEL	REEL/CARTON	TOTAL	CARTON
4	16.0	2000PCS	12PCS	24000PCS	350*350*296mm
6-19PIN	24.0	2000PCS	9PCS	18000PCS	350*350*296mm
20-30PIN	32.0	2000PCS	7PCS	14000PCS	350*350*296mm

Part Number FFC2B10		Product Description FPC 0.5mm Pitch Side Entry, Bottom Contact, SMT, Height=1.2mm, ZIF, Slide Type			 www.gct.co
Drawing Date 13th May 2010					
By CC		Tolerances (Except as Noted)	Units: Metric (mm)		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
Detail FFC2B10 D PCN		Length X.X ± 0.50 X.XX ± 0.30 X.XXX ± 0.20	Angle X.X° ± 2° X.XX° ± 1° X.XXX° ± 0.5°		
Revision D3					
Date 08/08/17					
Not to Scale	Drawn By PKN	Sheet No. 2/2			