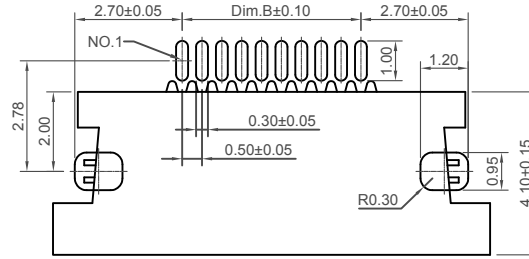
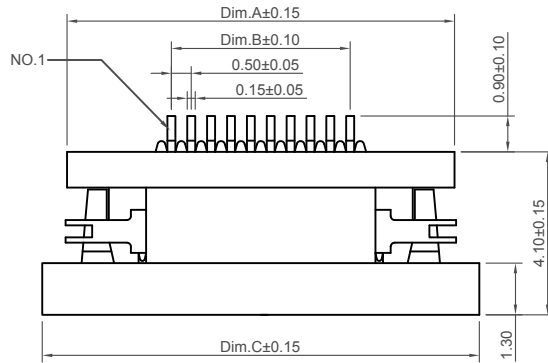
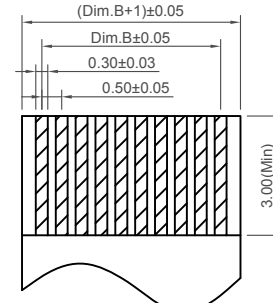


Top View

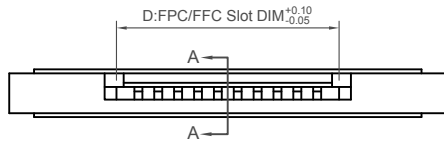


Recommended PCB Layout
as viewed from component side

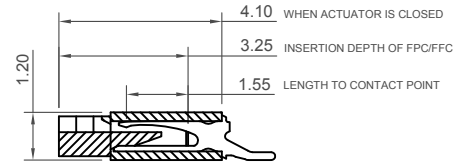


Recommended FFC/FPC
Dimensions
Thickness: 0.30±0.03

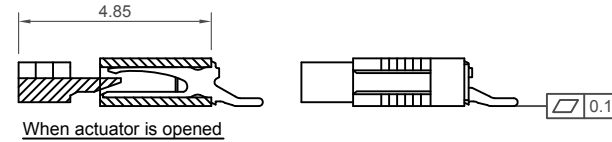
Front View



Side Views



Section A-A



When actuator is opened

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. :连接阻抗: 40 毫欧

Mechanical

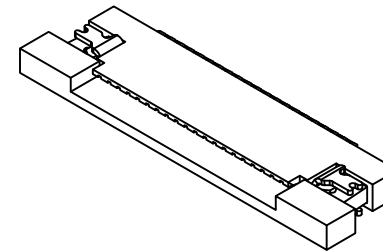
Durability: 20 Cycles
Operating Temperature: -20°C to +80°C 工作温度: -20° to +80°
Solder Profile: Peak Temp 260°C (+0/-5°C) Maximum (5 seconds)

Ordering Grid

FFC2B05 = XX = X Request Samples
and Quotation

No. of Contacts
06 - 50
(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

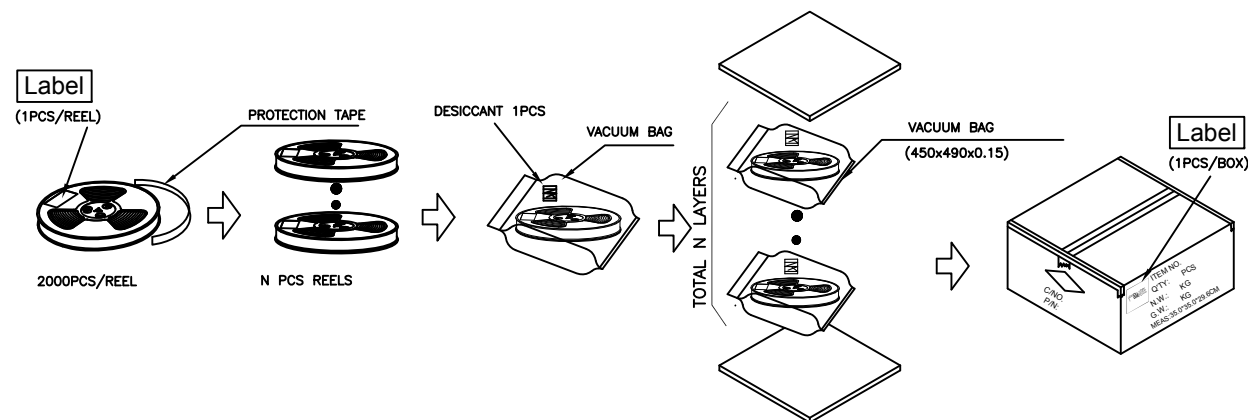
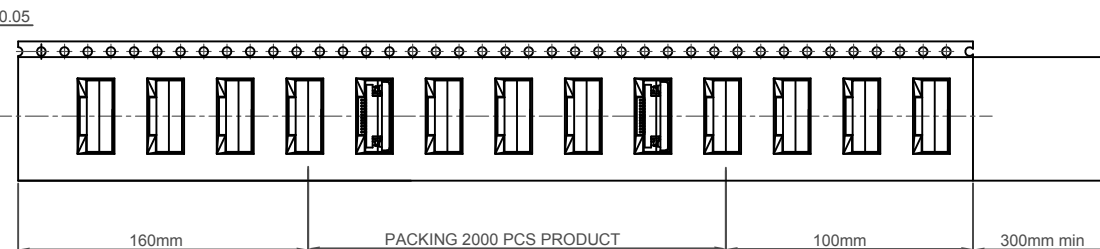
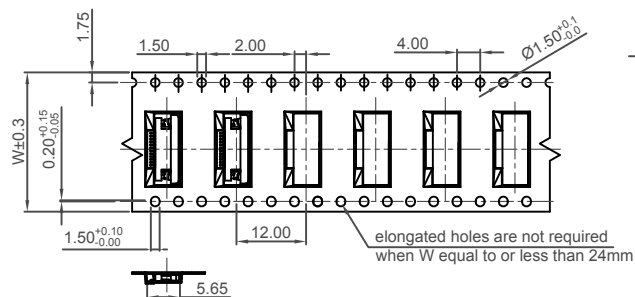


Pin No.	Dim.A	Dim.B	Dim.C	Dim.D
* 6	7.75	2.50	9.00	3.60
7	8.25	3.00	9.50	4.10
* 8	8.75	3.50	10.00	4.60
9	9.25	4.00	10.50	5.10
* 10	9.75	4.50	11.00	5.60
11	10.25	5.00	11.50	6.10
* 12	10.75	5.50	12.00	6.60
13	11.25	6.00	12.50	7.10
* 14	11.75	6.50	13.00	7.60
* 15	12.25	7.00	13.50	8.10
* 16	12.75	7.50	14.00	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
31	20.25	15.00	21.50	16.10
* 32	20.75	15.50	22.00	16.60
* 33	21.25	16.00	22.50	17.10
* 34	21.75	16.50	23.00	17.60
* 35	22.25	17.00	23.50	18.10
* 36	22.75	17.50	24.00	18.60
37	23.25	18.00	24.50	19.10
38	23.75	18.50	25.00	19.60
39	24.25	19.00	25.50	20.10
* 40	24.75	19.50	26.00	20.60
41	25.25	20.00	26.50	21.10
42	25.75	20.50	27.00	21.60
43	26.25	21.00	27.50	22.10
44	26.75	21.50	28.00	22.60
* 45	27.25	22.00	28.50	23.10
46	27.75	22.50	29.00	23.60
47	28.25	23.00	29.50	24.10
48	28.75	23.50	30.00	24.60
49	29.25	24.00	30.50	25.10
* 50	29.75	24.50	31.00	25.60

* = Tooled Parts

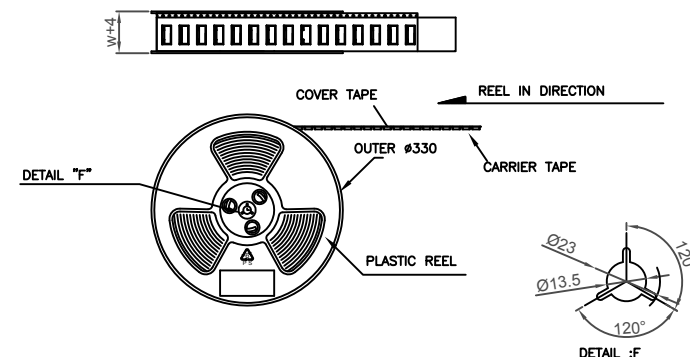
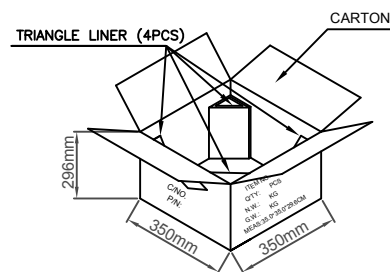
Please contact GCT for non-tooled parts
Non-tooled MOQ 10k pcs

Part Number FFC2B05		Product Description FPC 0.5mm Pitch Side Entry, Top Contact, SMT, Drawing Date 19th May 2010 Height=1.2mm, ZIF, Slide Type	
By AJO	Tolerances (Except as Noted) Length Angle		Units: Metric (mm)
Detail FFC2B05 C PCN	X.X ± 0.50 X.XX ± 0.30 X.XXX ± 0.20	X.X° ± 2° X.XX° ± 1° X.XXX° ± 0.5°	RoHS COMPLIANT 2011/65/EU Deca-BDE
Revision C1			
Date 21/07/15			3rd Angle Projection
		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	
		Global Connector Technology www.gct.co	
		Not to Scale	Drawn By PKN
		Sheet No. 1/2	

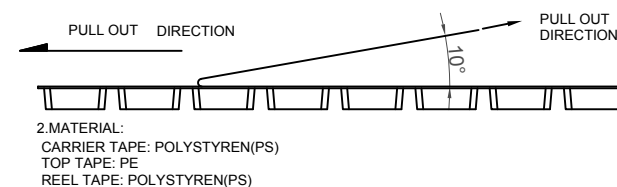


PACKING INFORMATION:

PART NAME	W	PCS/REEL	REEL/CARTON	TOTAL	CARTON
4~5PIN	16.0	2000PCS	10PCS	20000PCS	350*350*296mm
6~19PIN	24.0	2000PCS	7PCS	14000PCS	350*350*296mm
20~31PIN	32.0	2000PCS	6PCS	12000PCS	350*350*296mm
32~54PIN	44.0	2000PCS	5PCS	10000PCS	350*350*296mm
55~60PIN	56.0	2000PCS	4PCS	8000PCS	350*350*296mm



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.



Part Number		Product Description	
FFC2B05		FPC 0.5mm Pitch Side Entry, Top Contact, SMT,	
Drawing Date		Height=1.2mm, ZIF, Slide Type	
19th May 2010			
By	AJO	Tolerances (Except as Noted)	Units:
Detail	FFC2B05	Length	Metric (mm)
	C PCN	Angle	
Revision	C1	X.X ± 0.50	X.X" ± 2"
Date	21/07/15	X.XX ± 0.30	X.XX" ± 1"
		X.XXX ± 0.20	X.XXX" ± 0.5"



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Not to Scale	Drawn By PKN	Sheet No 2/2
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