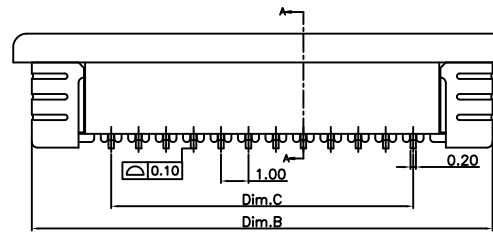
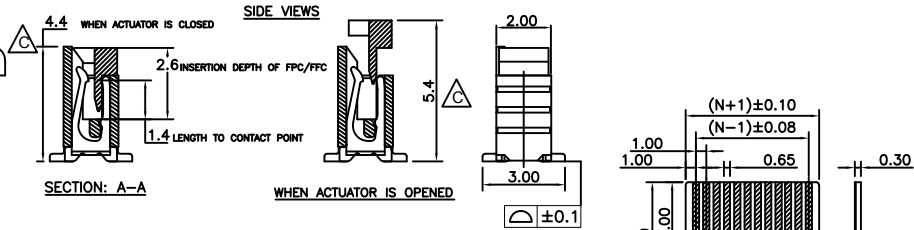


Global Connector Technology Ltd. - FFC3A15 : FPC 1.0mm Pitch Top Entry, Left or Right Footprint, SMT, Height=4.4mm, ZIF, Slide Type

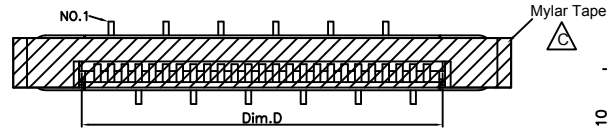
FRONT VIEW



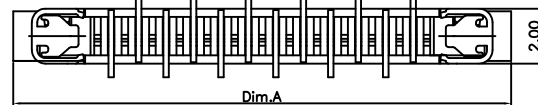
SIDE VIEWS



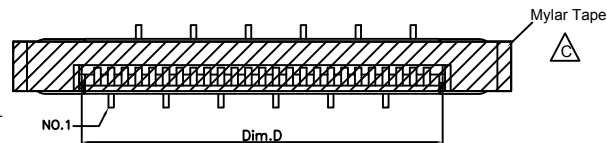
TOP VIEW

LEFT FOOTPRINT
VERSION (STANDARD)

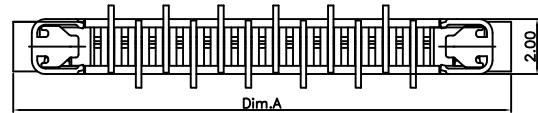
BOTTOM VIEW



TOP VIEW

RIGHT FOOTPRINT
VERSION

BOTTOM VIEW



Specification 规格:

Material 物料规格:

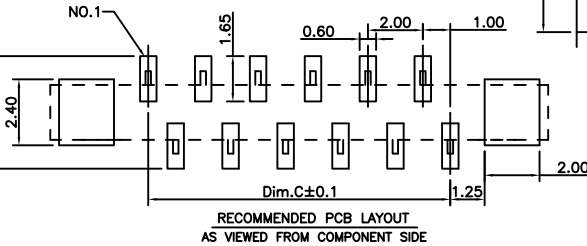
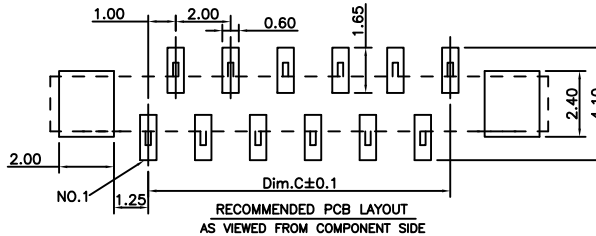
Housing Material: High-Temp Plastic LCP (UL 94V-0), White 高温塑胶
 Actuator: LCP (UL 94V-0), Black
 Contact: Phosphor Bronze 磷青铜
 Finish (a) Contact Plating: see ordering grid
 (b) Underplating: Nickel-plated all over
 Fitting Nail: Brass, tin plated 黄铜, 镀锡

Mechanical

Durability: 20 Cycles

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: 500V AC for 1 minute between adjacent terminal, no breakdown
 电介质强度: 500V 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
 Operating Temperature: -25°C to +85°C 工作温度: -25° to +85°
 Solder Profile: Peak Temp 260°C (+0/-5°C) Maximum (5 seconds)

RECOMMENDED PCB LAYOUT
AS VIEWED FROM COMPONENT SIDERECOMMENDED PCB LAYOUT
AS VIEWED FROM COMPONENT SIDE

Ordering Grid

FFC3A15-XX-X-X REQUEST SAMPLES AND QUOTATION

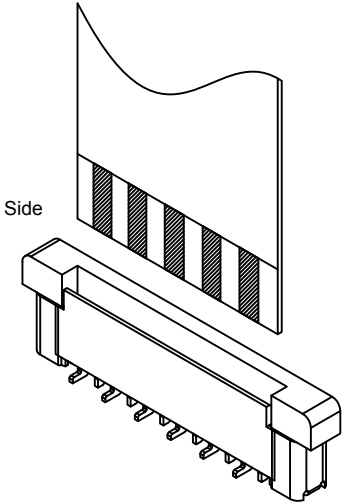
No. of Contacts
 04 - 29
 (see dimension table)

Footprint Option
 L=Left (Standard)
 R=Right

Contact Plating

T=Tin Plating over all (Standard) - reel qty=1000pcs
 G=Gold Flash over all - reel qty=1000pcs, MOQ 3 reels

Contact Side

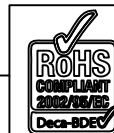
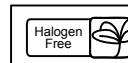


Pin No.	Dim.A	Dim.B	Dim.C	Dim.D
* 4	10.10	8.8	3.00	5.10
* 5	11.10	9.8	4.00	6.10
* 6	12.10	10.8	5.00	7.10
* 7	13.10	11.8	6.00	8.10
* 8	14.10	12.8	7.00	9.10
* 9	15.10	13.8	8.00	10.10
* 10	16.10	14.8	9.00	11.10
* 11	17.10	15.8	10.00	12.10
* 12	18.10	16.8	11.00	13.10
* 13	19.10	17.8	12.00	14.10
* 14	20.10	18.8	13.00	15.10
* 15	21.10	19.8	14.00	16.10
* 16	22.10	20.8	15.00	17.10
* 17	23.10	21.8	16.00	18.10
* 18	24.10	22.8	17.00	19.10
* 19	25.10	23.8	18.00	20.10
* 20	26.10	24.8	19.00	21.10
21	27.10	25.8	20.00	22.10
22	28.10	26.8	21.00	23.10
23	29.10	27.8	22.00	24.10
* 24	30.10	28.8	23.00	25.10
25	31.10	29.8	24.00	26.10
26	32.10	30.8	25.00	27.10
27	33.10	31.8	26.00	28.10
28	34.10	32.8	27.00	29.10
29	35.10	33.8	28.00	30.10

* = Tooled Parts

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

By	PKN	SA	CM
DETAIL	DRAWING RELEASE	ECN: FFC3A15-001	ECN: FFC3A15-002
REV	A	B	C
DATE	25/05/10	01/06/11	15/08/11



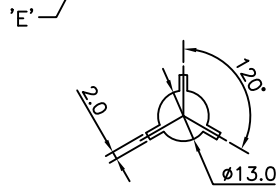
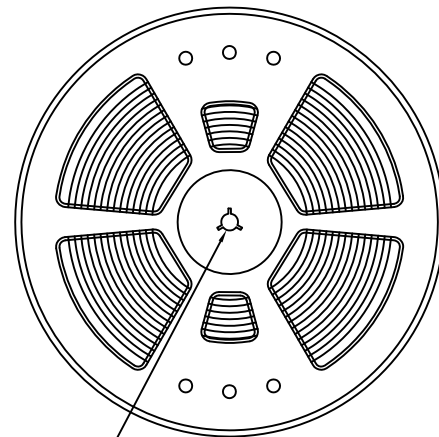
Tolerances (Except as noted)	Part Number:-	Date:-
Dimensions in mm	FFC3A15	25 MAY 2011
X.X ± 0.30 X.XX ± 0.15 X.XXX ± 0.10	Description:- FPC 1.0mm PITCH TOP ENTRY, LEFT OR RIGHT FOOTPRINT, SMT, HEIGHT=4.4mm, ZIF, SLIDE TYPE	
X.X ± 2° X.XX ± 1° X.XXX ± 0.5°		
Third Angle Projection	THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	

GCT

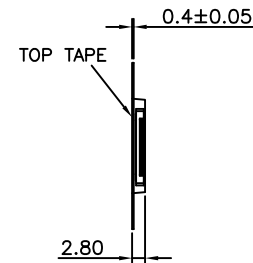
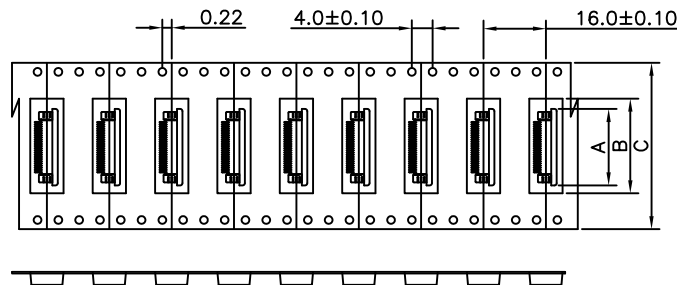
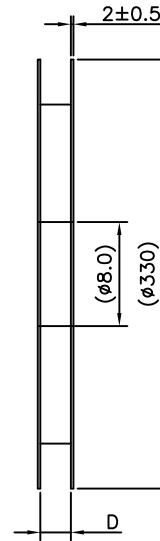
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Scale	Revision	Material	Drawn by	Sheet No.
NTS	C	See Note	PKN	E & OE 1/2

PIN NO.	DIM.A	DIM.B	DIM.C	DIM.D
4P	7.60	20.00	25.0	26.5
5P	8.10			
6P	8.60			
7P	9.10			
8P	9.60			
9P	10.10			
10P	10.60			
11P	11.10			
12P	11.60			
13P	12.10			
14P	12.60			
15P	13.10			
16P	13.60			
17P	14.10			
18P	14.60			
19P	15.10			
20P	15.60			
21P	16.10	28.00	35.0	36.5
22P	16.60			
23P	17.10			
24P	17.60			
25P	18.10			
26P	18.60			
27P	19.10			
28P	19.60			
29P	20.10			



DETAIL:E



NOTES:

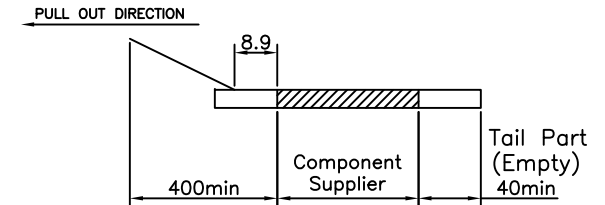
1.Number of Connectors: 1000 Pcs/Reel

2.Material

Carrier Tape:PET,PE,PEF

Reel:PS

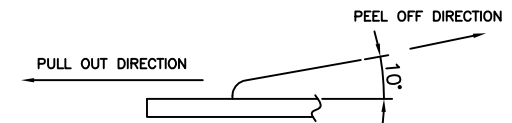
3.Lead Tape Length:



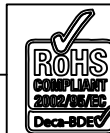
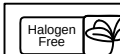
4.Peeling off force of top tape

0.1N~0.7N(10.2gf~71.4gf)

(Peeling direction as shown in following fig)



By	PKN	SA	CM
DETAIL	DRAWING RELEASE	ECN: FFC3A15-001	ECN: FFC3A15-002
REV DATE	A 25/05/10	B 01/06/11	C 15/08/11



Tolerances (Except as noted)	Part Number:-	Date:-
Dimensions in mm	FFC3A15	25 MAY 2011
X.X ± 0.2	X.X ± 2°	Description:-
X.XX ± 0.10	X.XX ± 1°	FPC 1.0mm PITCH TOP ENTRY, LEFT OR RIGHT
X.XXX ± 0.05	X.XXX ± 0.5°	FOOTPRINT, SMT, HEIGHT=4.4mm, ZIF, SLIDE TYPE
Third Angle Projection	© THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	Scale NTS

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Revision C	Material See Note	Drawn by PKN	E & OE	Sheet No. 2/2
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