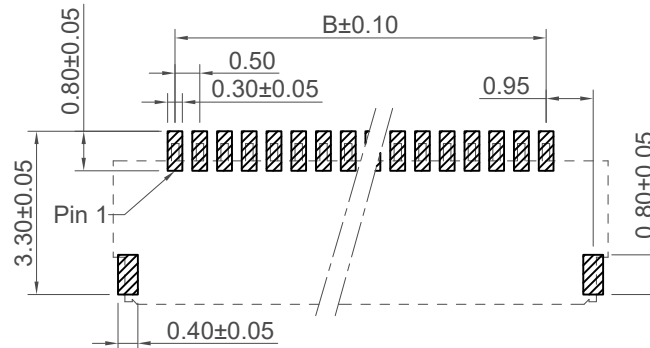
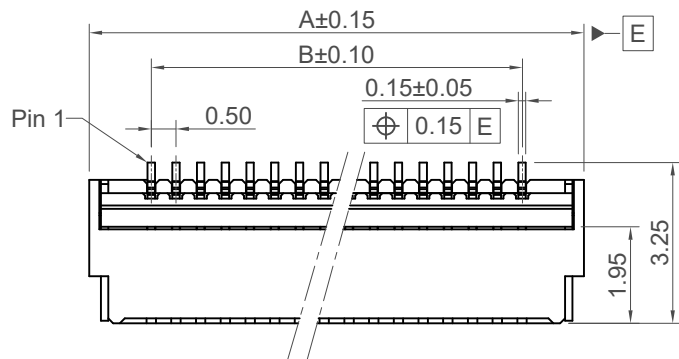
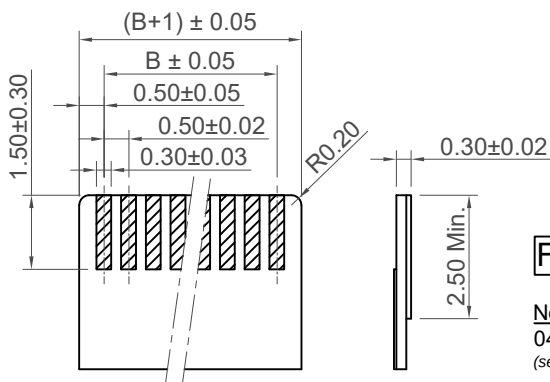
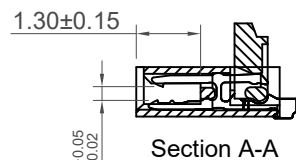
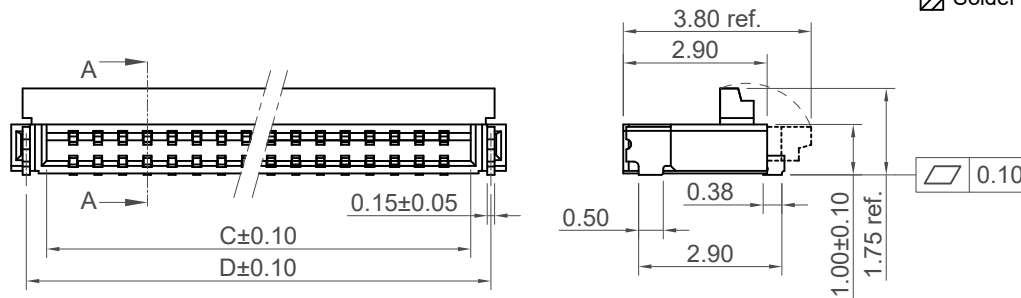


Recommended PCB Layout

As viewed from component side

▨ Solder Area □ Component Outline



Recommended FFC/FPC Dimensions

Ordering Grid

FFC2B28-XX-G Request samples and quotation

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

Contact Plating
G = Gold Flash over all

Specifications

Material

Housing: LCP, UL 94V-0, Natural
Actuator: LCP, UL 94V-0, Black
Contact: Phosphor Bronze
Fitting Nail: Phosphor Bronze

Plating

Contact: Gold Flash over all
Fitting Nail: Matte Tin Plating over Nickel

Electrical

Voltage Rating: 30V AC/DC
Current Rating : 0.4A AC/DC (40 contacts powered)
Dielectric Strength: 250V AC for 1 minute
Insulation Resistance: 50 MΩ Min.
Contact Resistance: 40 mΩ Max.

Mechanical & Environmental

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

No. of Contacts	Dimensions			
	A	B	C	D
* 4	4.00	1.50	2.57	3.39
* 5	4.50	2.00	3.07	3.89
* 6	5.00	2.50	3.57	4.39
7	5.50	3.00	4.07	4.89
* 8	6.00	3.50	4.57	5.39
9	6.50	4.00	5.07	5.89
* 10	7.00	4.50	5.57	6.39
11	7.50	5.00	6.07	6.89
* 12	8.00	5.50	6.57	7.39
13	8.50	6.00	7.07	7.89
* 14	9.00	6.50	7.57	8.39
15	9.50	7.00	8.07	8.89
* 16	10.00	7.50	8.57	9.39
17	10.50	8.00	9.07	9.89
* 18	11.00	8.50	9.57	10.39
19	11.50	9.00	10.07	10.89
* 20	12.00	9.50	10.57	11.39
21	12.50	10.00	11.07	11.89
* 22	13.00	10.50	11.57	12.39
23	13.50	11.00	12.07	12.89
* 24	14.00	11.50	12.57	13.39
25	14.50	12.00	13.07	13.89
* 26	15.00	12.50	13.57	14.39
27	15.50	13.00	14.07	14.89
* 28	16.00	13.50	14.57	15.39
29	16.50	14.00	15.07	15.89
* 30	17.00	14.50	15.57	16.39
31	17.50	15.00	16.07	16.89
* 32	18.00	15.50	16.57	17.39
33	18.50	16.00	17.07	17.89
* 34	19.00	16.50	17.57	18.39
35	19.50	17.00	18.07	18.89
* 36	20.00	17.50	18.57	19.39
37	20.50	18.00	19.07	19.89
* 38	21.00	18.50	19.57	20.39
39	21.50	19.00	20.07	20.89
* 40	22.00	19.50	20.57	21.39

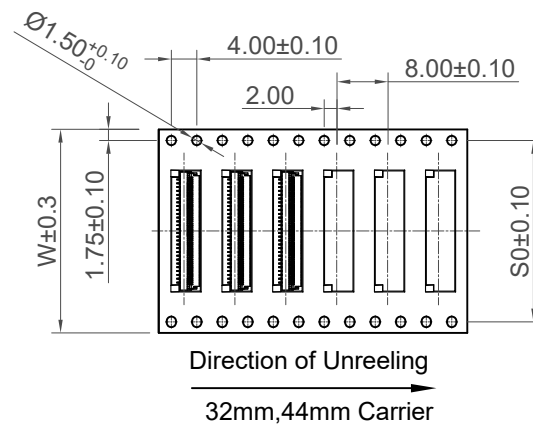
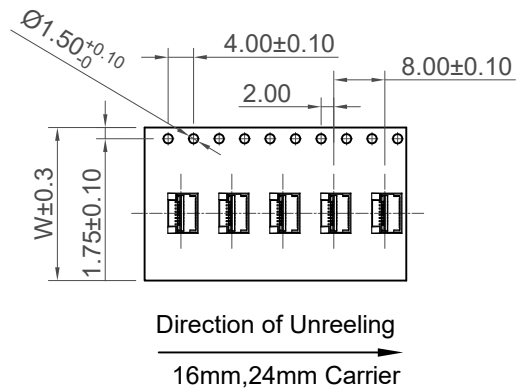
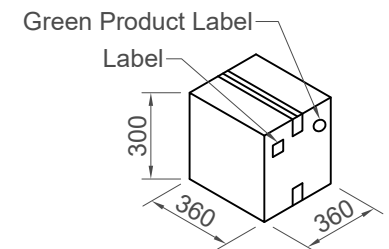
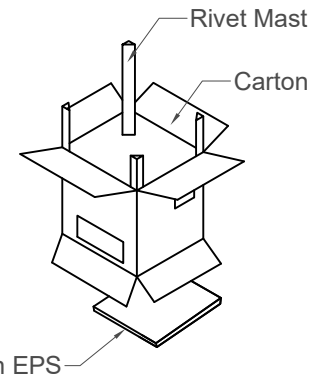
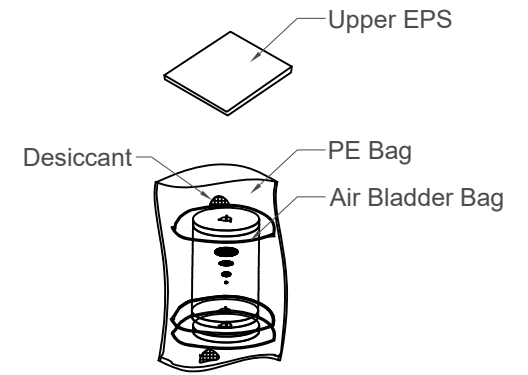
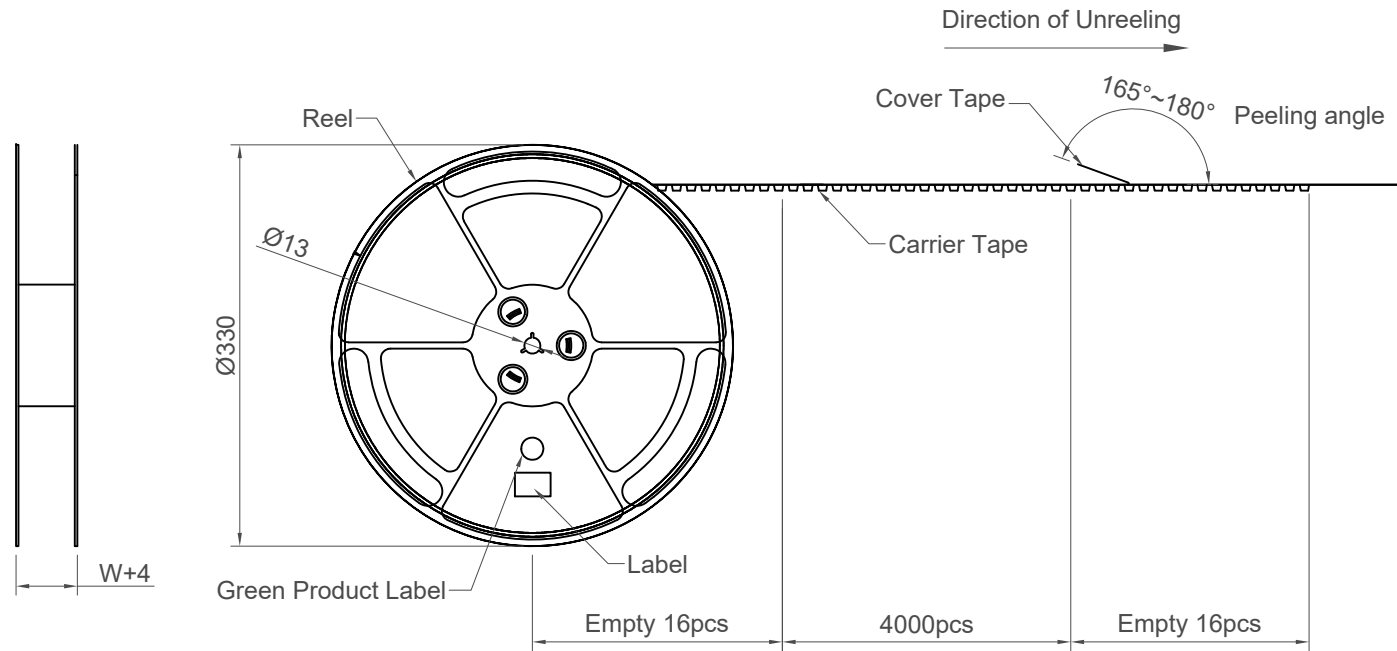
* = Tooled Parts

Please contact GCT for non-tooled parts

Part Number		Product Description			
FFC2B28		FPC 0.5mm Pitch, Side Entry, Dual Contact,			
Drawing Date		SMT, Height=1.0mm, Back Flip			
12th September 2019					
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	Drawing Release	X.X ± 0.30	X.X° ± 5°		
Revision	A5	X.XX ± 0.20	X.XX° ± 2°		
Date	09/06/23	X.XXX ± 0.10	X.XXX° ± 1°		

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Not to Scale
Drawn By
CC
Sheet No.
1/2

H
G
F
E
D
C
B
A

No. of Contacts	W	S0	Pcs/Reel	Reel/Carton	Pcs/Carton
4 ~ 14	16	/	4000	14	56000
16 ~ 27	24	/	4000	10	40000
28 ~ 39	32	28.4	4000	8	32000
40	44	40.4	4000	6	24000

Part Number		Product Description	
FFC2B28		FPC 0.5mm Pitch, Side Entry, Dual Contact, SMT, Height=1.0mm, Back Flip	
Drawing Date		12th September 2019	
By	CC	Tolerances (Except as Noted)	
Detail	Drawing Release	Length	Angle
Revision	A5	X.X ± 0.30	X.X° ± 5°
Date	09/06/23	X.XX ± 0.20	X.XX° ± 2°
		X.XXX ± 0.10	X.XXX° ± 1°
		Units: Metric (mm)	3rd Angle Projection
		RoHS COMPLIANT 2011/65/EU	
		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	

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