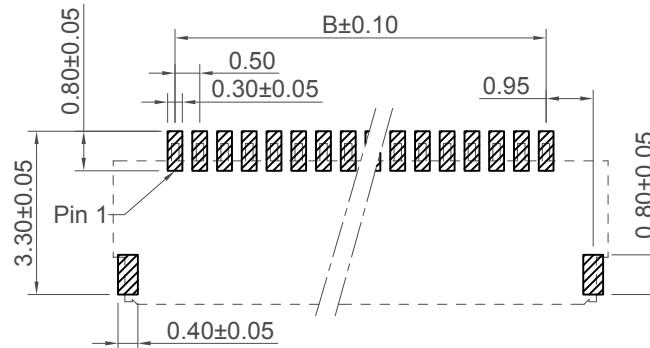
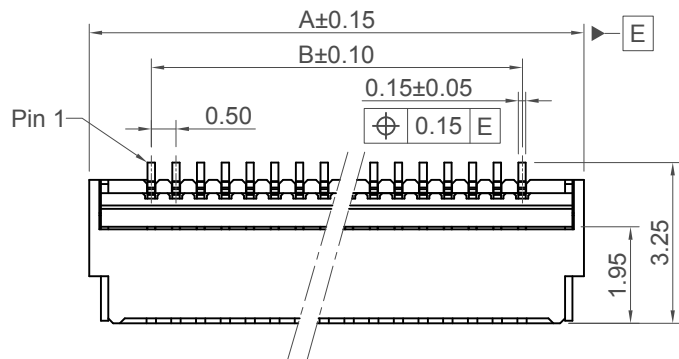
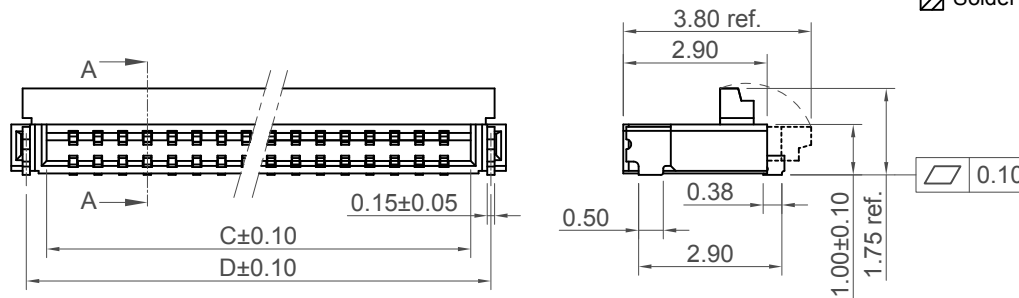


Recommended PCB Layout

As viewed from component side

▨ Solder Area □ Component Outline



Specifications

Material

Housing: High Temperature Thermoplastic,
UL 94V-0, Natural

Actuator: High Temperature Thermoplastic,
UL 94V-0, Black

Contact: Copper Alloy

Fitting Nail: Copper Alloy

Plating

Contact: Gold Flash over all

Fitting Nail: Matte Tin Plating over Nickel

Electrical

Voltage Rating: 30V

Current Rating : 0.2A

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

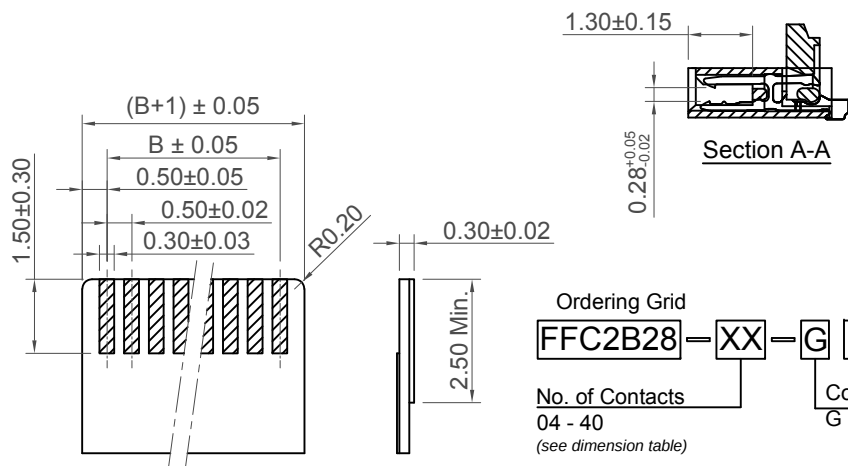
Solder Profile:

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



Section A-A

Ordering Grid

FFC2B28-XX-G Request samples and quotation

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

Contact Plating
G = Gold Flash over all

Recommended FFC/FPC Dimensions

Part Number FFC2B28		Product Description FPC 0.5mm Pitch, Side Entry, Dual Contact, SMT, Height=1.0mm, Back Flip	
Drawing Date 12th September 2019			
By Detail	CC Drawing Release	Tolerances (Except as Noted) Length X.X ± 0.30 X.XX ± 0.20 X.XXX ± 0.10	Units: Metric (mm) X.X° ± 5° X.XX° ± 2° X.XXX° ± 1°
Revision Date	A1 27/11/19		3rd Angle Projection

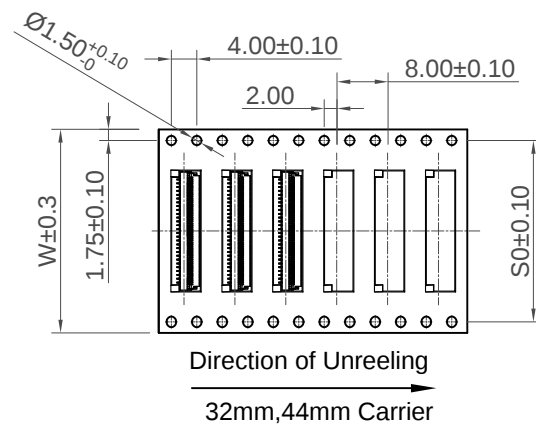
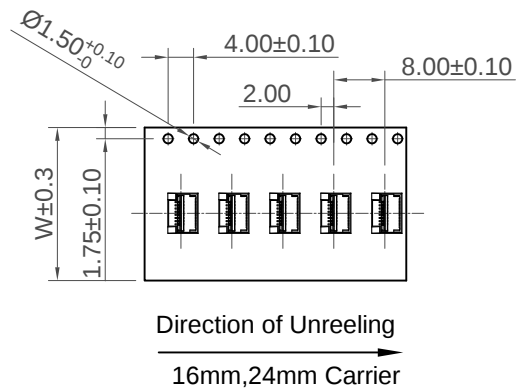
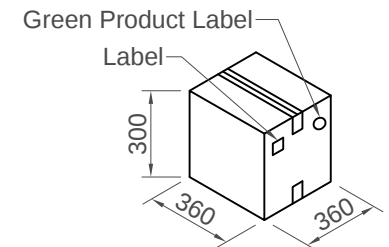
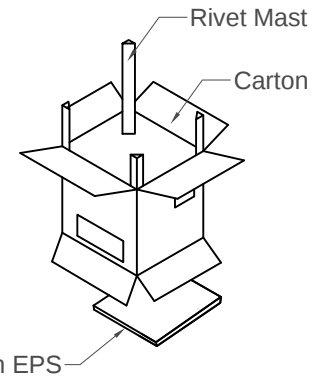
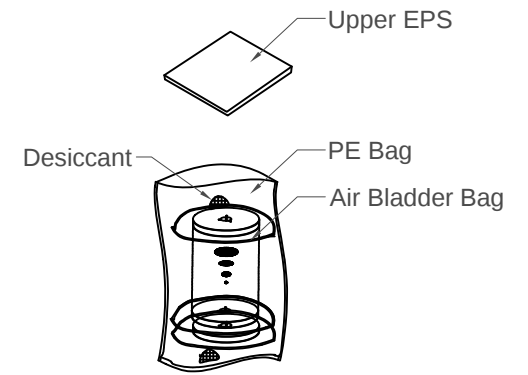
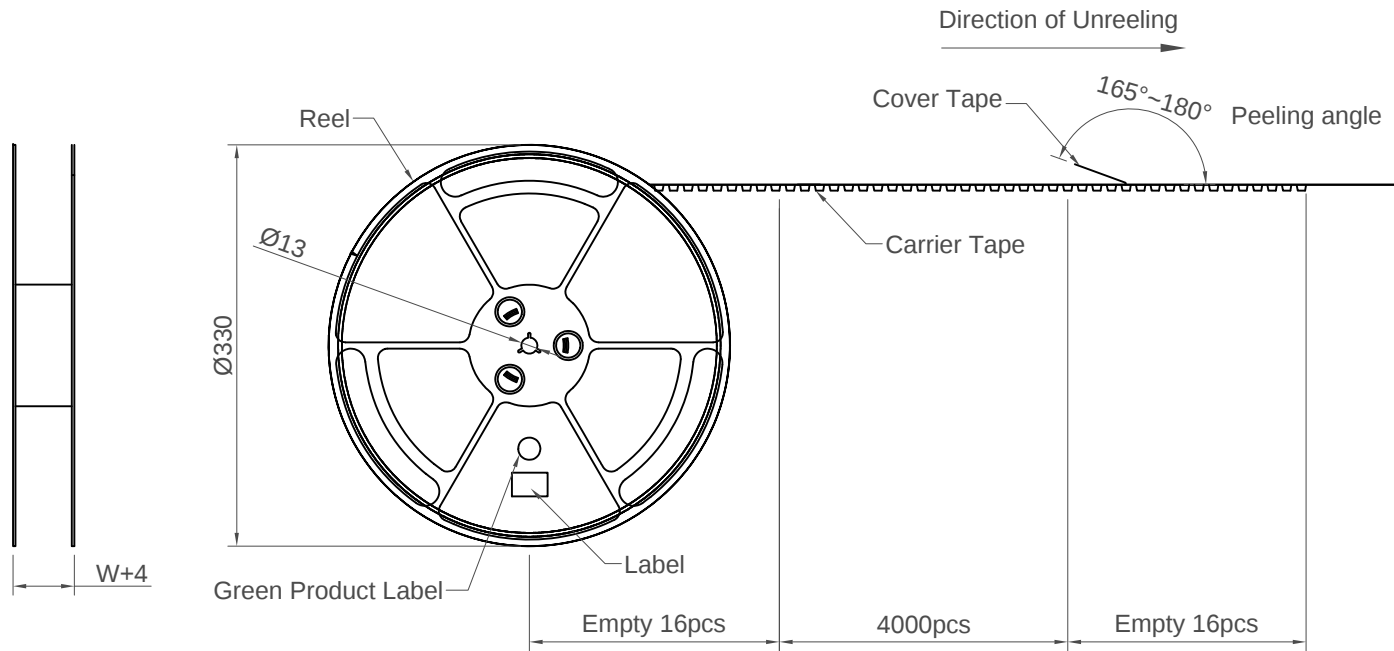


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Not to
Scale
Drawn By
CC
Sheet No.
1/2

H
G
F
E
D
C
B
A



No. of Contacts	W	S0	Pcs/Reel	Reel/Carton	Pcs/Carton
4 ~ 11	16	/	4000	15	60000
12 ~ 27	24	/	4000	12	48000
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)		Units: Metric (mm)  RoHS COMPLIANT 2011/65/EU Dec-Size  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	Length	Angle	
Revision	A1	X.X ± 0.30	X.X° ± 5°	
Date	27/11/19	X.XX ± 0.20	X.XX° ± 2°	
		X.XXX ± 0.10	X.XXX° ± 1°	
		Units: Metric (mm)		
		3rd Angle Projection		



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1 2 3 4 5 6 7 8

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