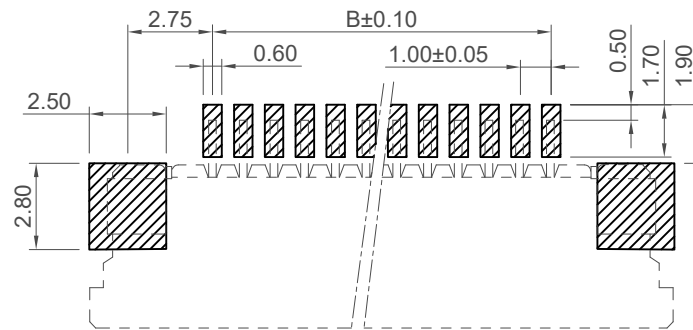
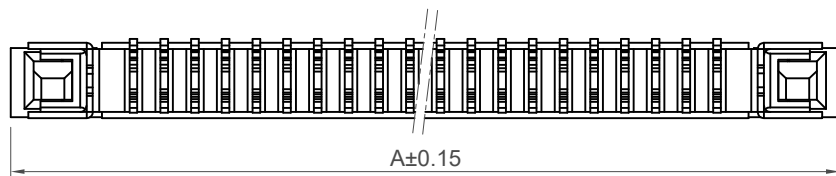
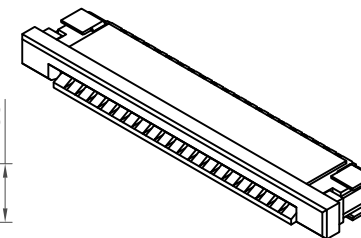


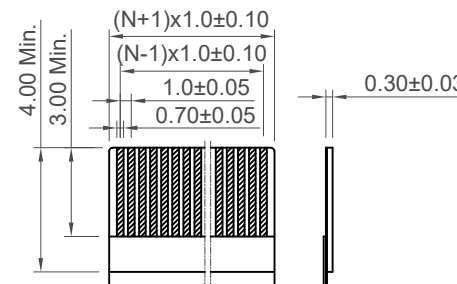
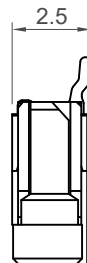
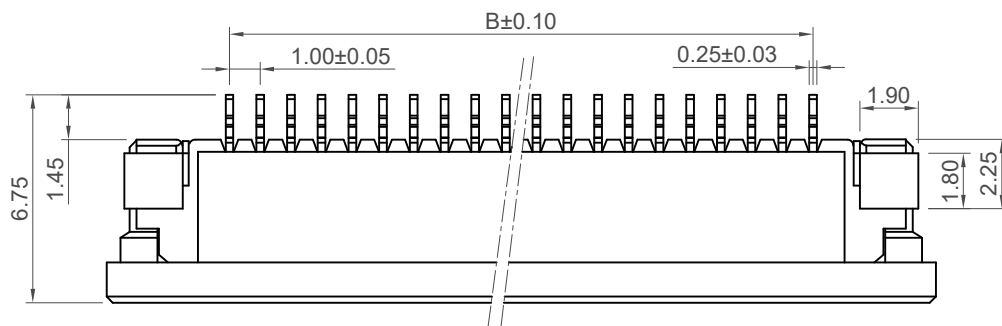


Recommended PCB Layout
As viewed from component side
 Solder Area Component Outline

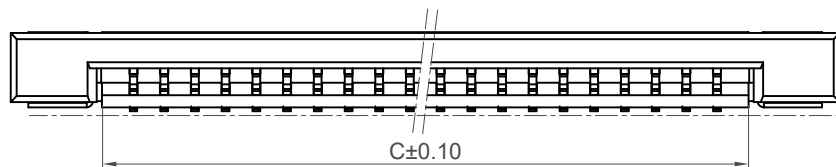


No. of Contacts	Dimensions		
	A	B	C
* 4	11.0	3.00	5.10
* 5	12.0	4.00	6.10
* 6	13.0	5.00	7.10
* 7	14.0	6.00	8.10
* 8	15.0	7.00	9.10
* 9	16.0	8.00	10.10
* 10	17.0	9.00	11.10
* 11	18.0	10.00	12.10
* 12	19.0	11.00	13.10
* 13	20.0	12.00	14.10
* 14	21.0	13.00	15.10
* 15	22.0	14.00	16.10
* 16	23.0	15.00	17.10
* 17	24.0	16.00	18.10
* 18	25.0	17.00	19.10
19	26.0	18.00	20.10
* 20	27.0	19.00	21.10
21	28.0	20.00	22.10
* 22	29.0	21.00	23.10
23	30.0	22.00	24.10
* 24	31.0	23.00	25.10
* 25	32.0	24.00	26.10
* 26	33.0	25.00	27.10
* 27	34.0	26.00	28.10
* 28	35.0	27.00	29.10
29	36.0	28.00	30.10
* 30	37.0	29.00	31.10
31	38.0	30.00	32.10
* 32	39.0	31.00	33.10
33	40.0	32.00	34.10
* 34	41.0	33.00	35.10
* 35	42.0	34.00	36.10
* 36	43.0	35.00	37.10
37	44.0	36.00	38.10
* 38	45.0	37.00	39.10
39	46.0	38.00	40.10
* 40	47.0	39.00	41.10

* = Tooled Parts
Please contact GCT for non-tooled parts



Recommended FFC/FPC Dimensions
Thickness 0.30±0.03



Solder tails co-planarity

	0.10	4-30 Contacts
	0.15	31-40 Contacts

Specifications

Material

Housing: Thermoplastic, UL 94V-0
Actuator: Thermoplastic, UL 94V-0
Contact: Phosphor Bronze
Fitting Nail: Brass

Plating

Contact: see ordering grid
Fitting Nail: Matte Tin Plating over Nickel

Electrical

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

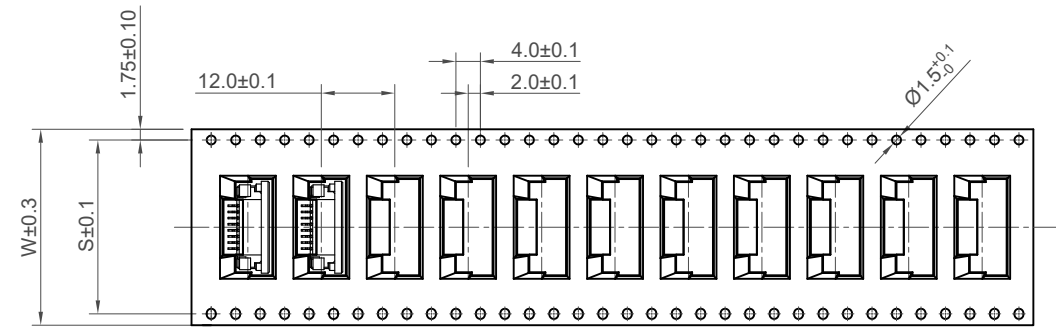
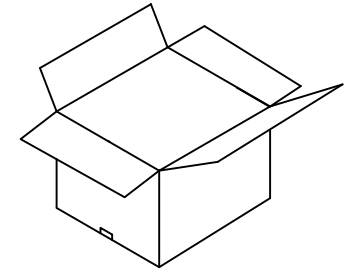
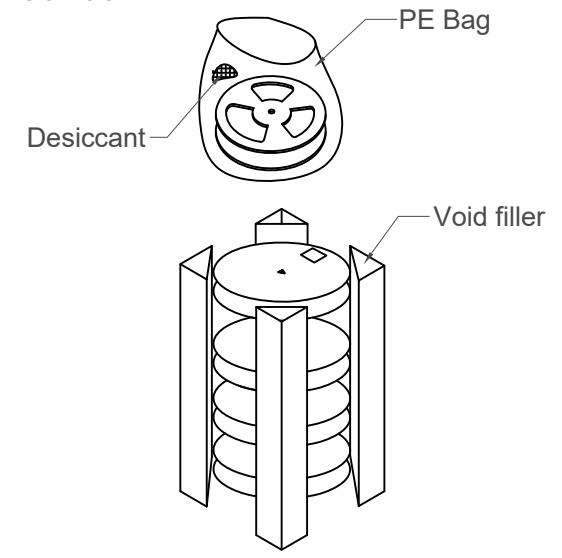
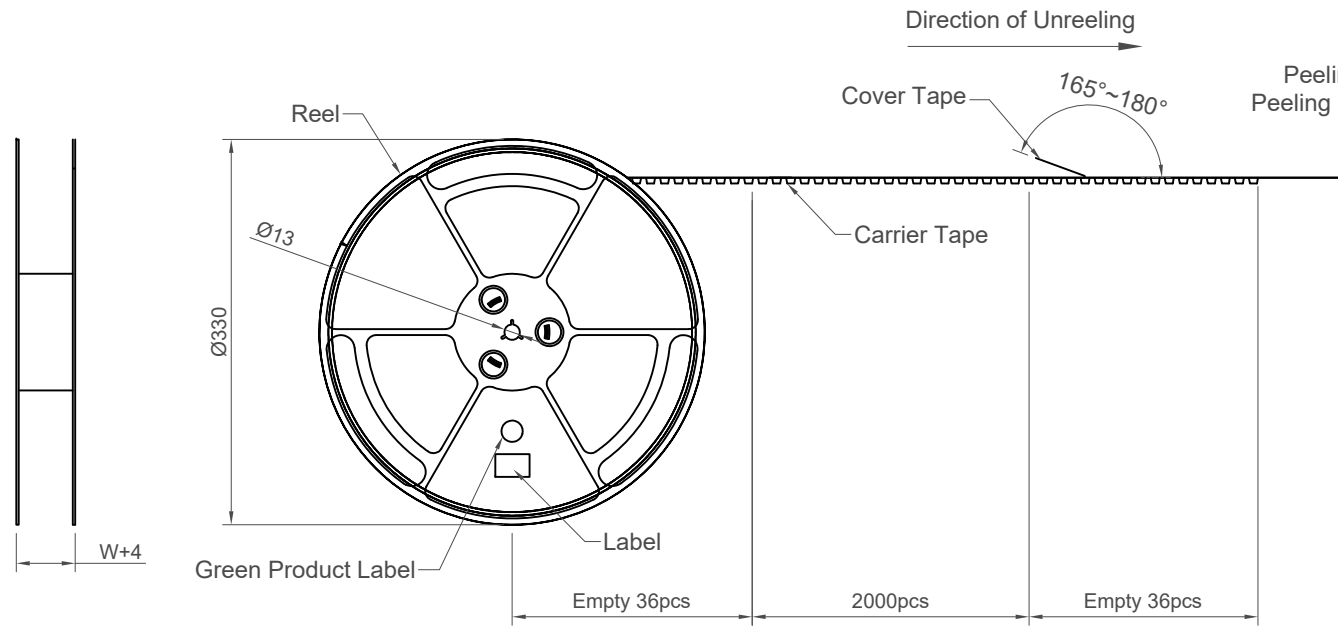
Ordering Grid

FFC3B07-XX-X
 No. of Contacts: 04 - 40 (see dimension table)
 Contact Plating:
 T = Tin Plating over all (Standard)
 G = Gold Flash over all

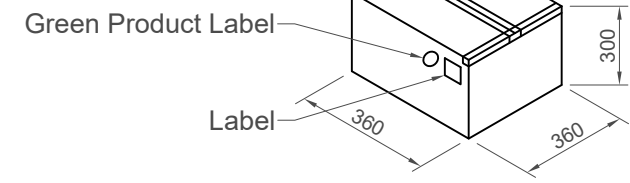
Part Number FFC3B07		Product Description FPC 1.0mm Pitch, Side Entry, Bottom Contact, SMT, Height=2.5mm, Slide Type	
Drawing Date 12th September 2019			
By CC	Tolerances (Except as Noted) Length Angle	Units: Metric (mm)	 This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE
Detail FFC3B07 B PCN	X.X ± 0.15 X.XX ± 0.10	± 1°	
Revision B1			
Date 02/08/21			
		3rd Angle Projection	Not to Scale Drawn By CC Sheet No. 1/2

GCT
www.gct.co

H
G
F
E
D
C
B
A



Direction of Unreeling →



No. of Contacts	W	S	Pcs/Reel	Reel/Carton	Pcs/Carton
4 ~ 8	24	N/A	2000	10	20000
9 ~ 13	32	28.4	2000	8	16000
14 ~ 23	44	40.4	2000	6	12000
24 ~ 37	56	52.4	2000	4	8000
38 ~ 40	72	68.4	2000	3	6000

Part Number FFC3B07		Product Description FPC 1.0mm Pitch, Side Entry, Bottom Contact, SMT, Height=2.5mm, Slide Type			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
Drawing Date 12th September 2019					
By CC	Detail FFC3B07 B PCN	Tolerances (Except as Noted) Length	Angle		
Revision B1	Date 02/08/21	-	-	Units: Metric (mm)	© Not to Scale Drawn By CC Sheet No. 2/2



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[GCT:](#)

[FFC3B07-09-T](#)