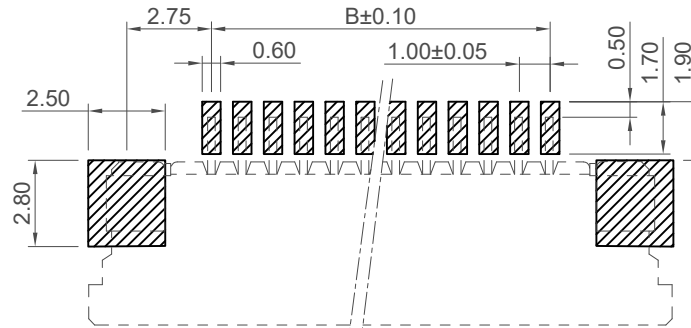
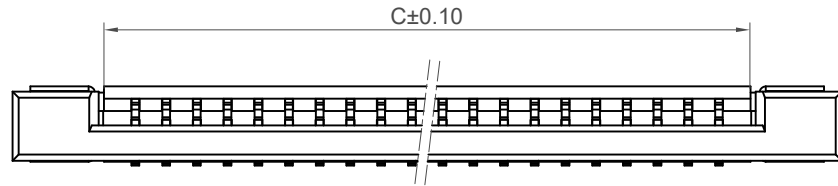
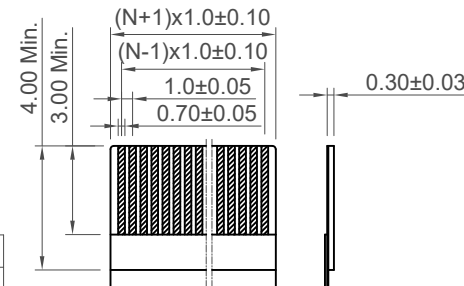
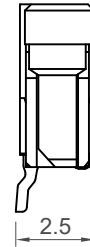
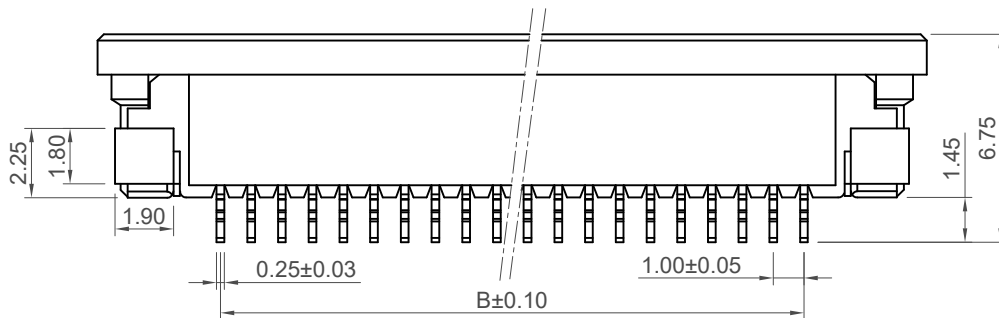


| No. of Contacts | Dimensions |       |       |
|-----------------|------------|-------|-------|
|                 | A          | B     | C     |
| * 4             | 11.0       | 3.00  | 5.10  |
| * 5             | 12.0       | 4.00  | 6.10  |
| * 6             | 13.0       | 5.00  | 7.10  |
| * 7             | 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



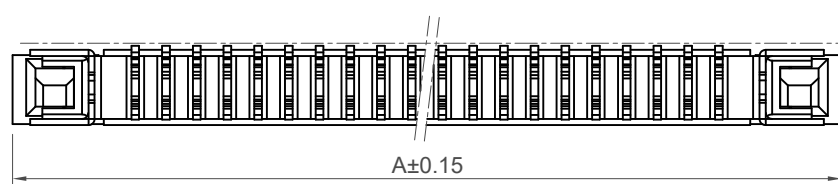
**Recommended PCB Layout**  
As viewed from component side



**Recommended FFC/FPC Dimensions**  
Thickness 0.30 ± 0.03

Solder tails co-planarity

|  |      |                |
|--|------|----------------|
|  | 0.10 | 4-30 Contacts  |
|  | 0.15 | 31-40 Contacts |



Ordering Grid  
**FFC3B11** = **XX** = **X** Request Samples and Quotation  
 No. of Contacts: 04 - 40 (see dimension table)  
 Contact Plating: T = Tin Plating over all (Standard), G = Gold Flash over all

**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)

|              |                  |   |             |
|--------------|------------------|---|-------------|
| Part Number  |                  | Product Description   |             |
| FFC3B11      |                  | FPC 1.0mm Pitch, Side Entry, Top Contact, SMT, Height=2.5mm, Slide Type |             |
| Drawing Date |                  | 12th September 2019   |             |
| By           | CC               | Tolerances (Except as Noted)  | Units:      |
| Detail       | FFC3B11<br>B PCN | Length<br>XX ± 0.15<br>X.XX ± 0.10                                      | Metric (mm) |
| Revision     | B1               | Angle<br>± 1°   |             |
| Date         | 02/08/21         |   |             |



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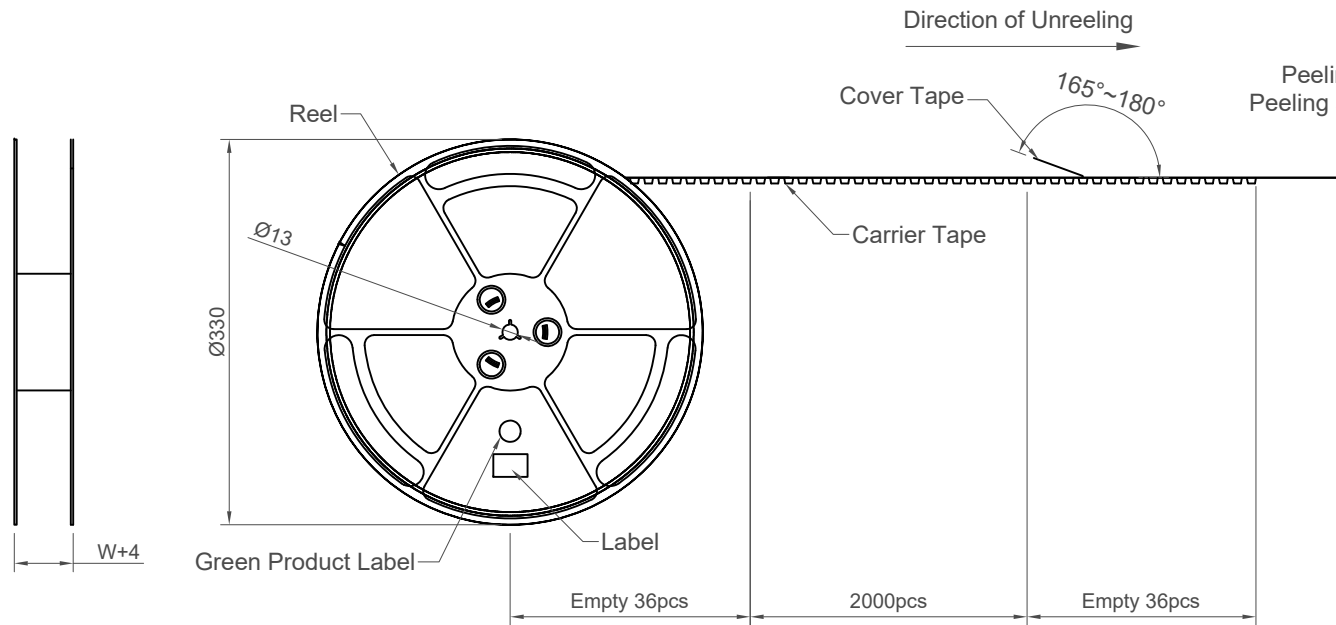


|              |                |                  |
|--------------|----------------|------------------|
| Not to Scale | Drawn By<br>CC | Sheet No.<br>1/2 |
|--------------|----------------|------------------|

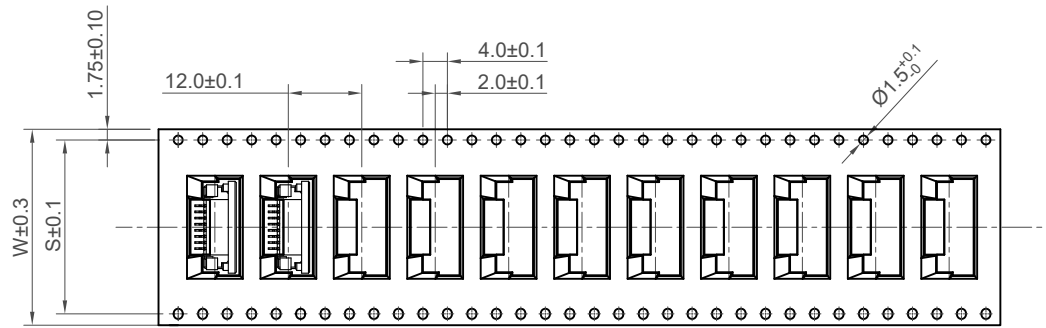
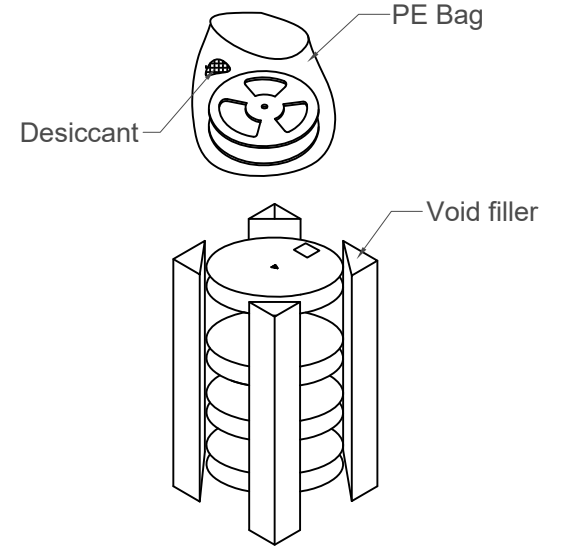
H  
G  
F  
E  
D  
C  
B  
A

1 2 3 4 5 6 7 8

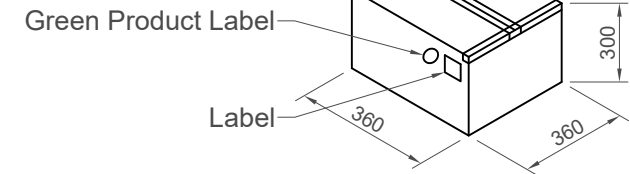
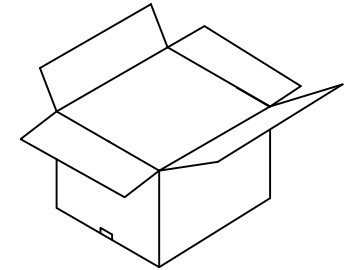
H  
G  
F  
E  
D  
C  
B  
A



Peeling angle: 165°~180°  
Peeling strength: 0.3 ~ 0.9 N



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  |               | Product Description   |             |
| FFC3B11      |               | FPC 1.0mm Pitch, Side Entry, Top Contact, SMT, Height=2.5mm, Slide Type |             |
| Drawing Date |               | 12th September 2019   |             |
| By           | CC            | Tolerances (Except as Noted)  | Units:      |
| Detail       | FFC3B11 B PCN | Length  | Metric (mm) |
| Revision     | B1            | Angle   |             |
| Date         | 02/08/21      |   |             |



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|              |             |               |
|--------------|-------------|---------------|
| Not to Scale | Drawn By CC | Sheet No. 2/2 |
|--------------|-------------|---------------|

1 2 3 4 5 6 7 8