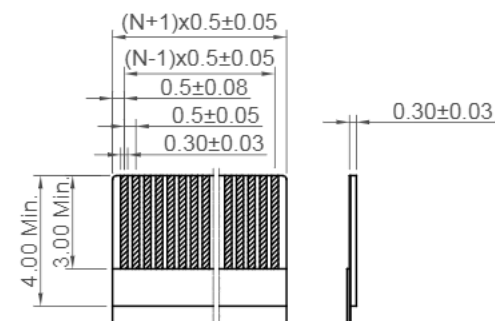
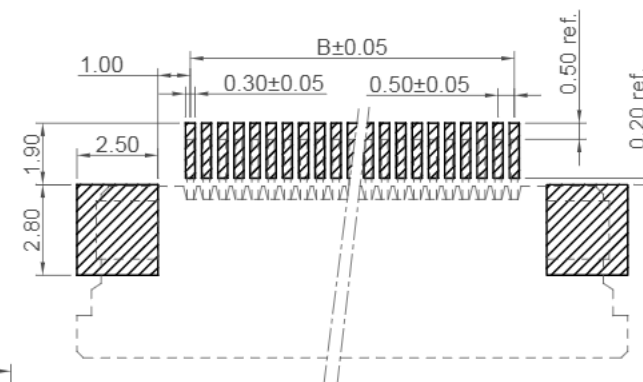
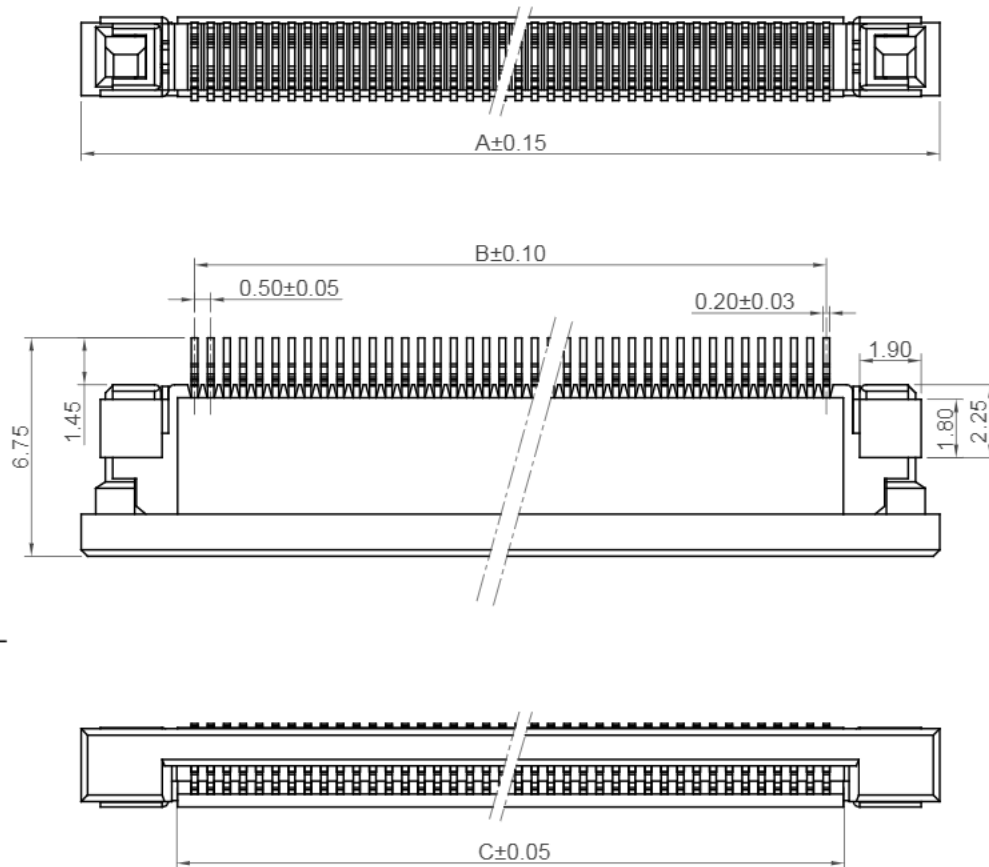




Specification:

Material:

Housing Material: LCP, UL 94V-0, Natural
 Actuator: LCP, UL 94V-0, Black
 Contact: Phosphor Bronze, C5191-H
 Fitting Nail: Brass, C2680-H

Electrical:

Voltage Rating (Max.): 50V AC/DC
 Current Rating (Max.): 0.4A AC/DC
 Dielectric Strength: 250V AC for 1 minute
 Insulation Resistance: 50 M Ω Min.
 Contact Resistance: 40 m Ω Max.

Plating:

Contact: See Ordering Grid
 Underplating: 50u" min. Nickel
 Fitting Nail: 80u" min. Matte Tin over 50u" min. Nickel

Mechanical & Environmental

Durability: 20 Cycles
 Operating Temperature: -25°C to +85°C

Ordering Grid

FFC2B17-XX-X

No. of Contacts
 41 - 54
 (see dimension table)

Contact Plating
 T = 80u" Tin Plating over all (Standard)
 G = Gold Flash over all

No. of Contacts	Dimensions		
	A	B	C
41	27.0	20.00	21.10
42	27.5	20.50	21.60
43	28.0	21.00	22.10
44	28.5	21.50	22.60
* 45	29.0	22.00	23.10
46	29.5	22.50	23.60
47	30.0	23.00	24.10
48	30.5	23.50	24.60
49	31.0	24.00	25.10
* 50	31.5	24.50	25.60
51	32.0	25.00	26.10
52	32.5	25.50	26.60
53	33.0	26.00	27.10
* 54	33.5	26.50	27.60

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

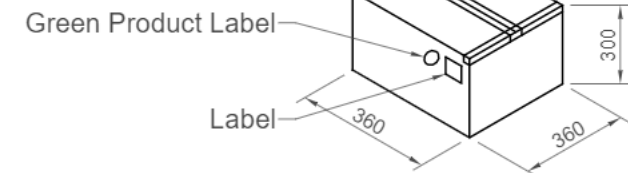
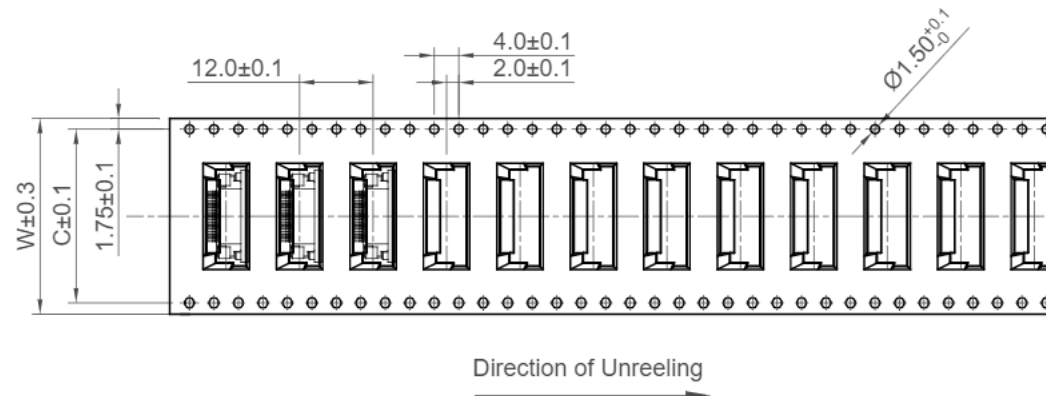
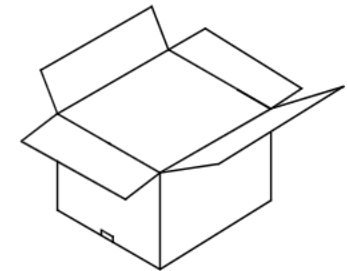
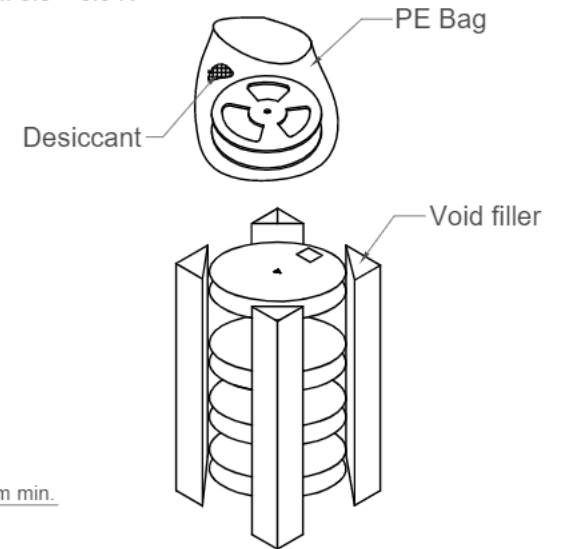
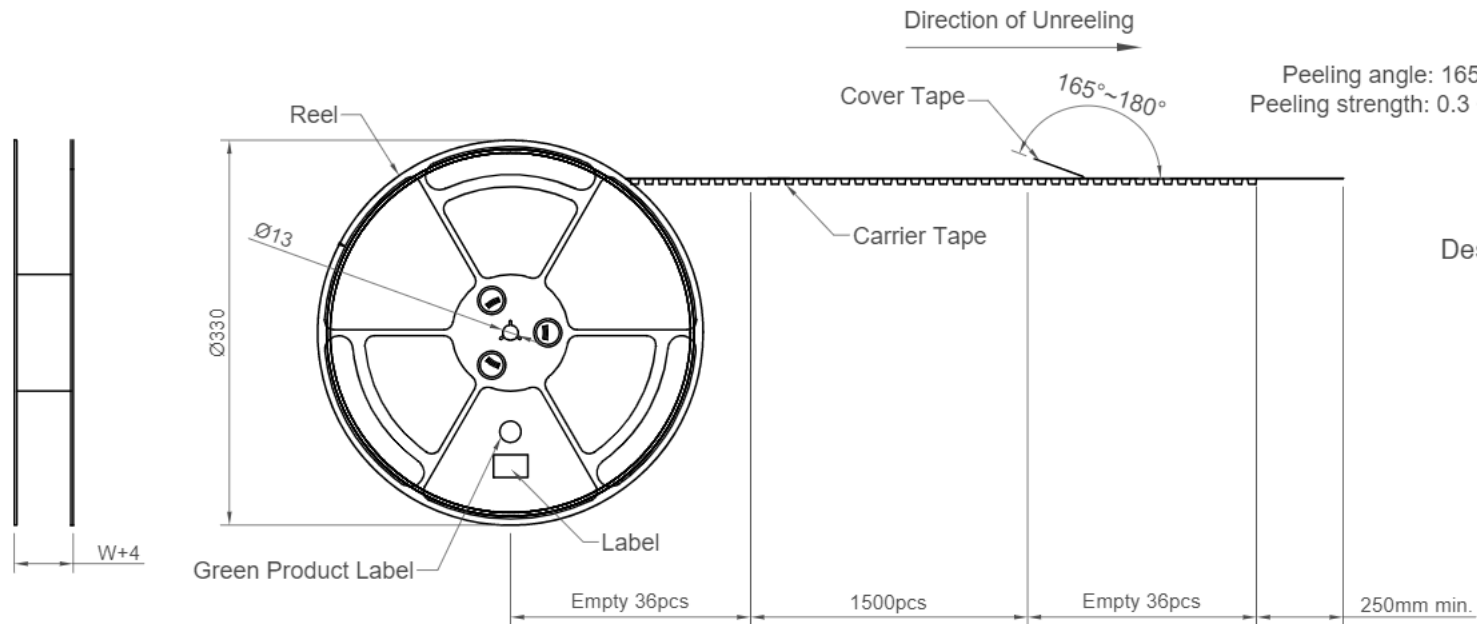
Part Number		Product Description			
FFC2B17		FFC 0.5mm Pitch Side Entry, Top Contact,			
Drawing Date		SMT, Height=2.5mm, Slide Type			
31st March 2020					
By	CC	Tolerances (Except as Noted)		Units:	 
Detail	Drawing Release	Length	Angle	Metric (mm)	
Revision	A2	X.X ± 0.15	± 1°	 2nd Angle Projection	
Date	25/03/21	X.XX ± 0.10			
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Not to Scale Drawn By CC Sheet No. 1/2



No. of Contacts	W	S	Pcs/Reel	Reel/Carton	Pcs/Carton
41 ~ 49	44	40.4	1500	6	9000
50 ~ 54	56	52.4	1500	4	6000

Part Number		Product Description						
FFC2B17		FFC 0.5mm Pitch Side Entry, Top Contact, SMT, Height=2.5mm, Slide Type						
Drawing Date								
31st March 2020								
By	CC	Tolerances Length	(Except as Noted) 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	Drawing Release							
Revision	A2							
Date	25/03/21							
								


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