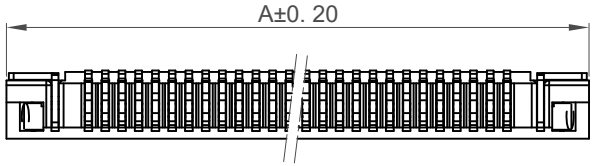
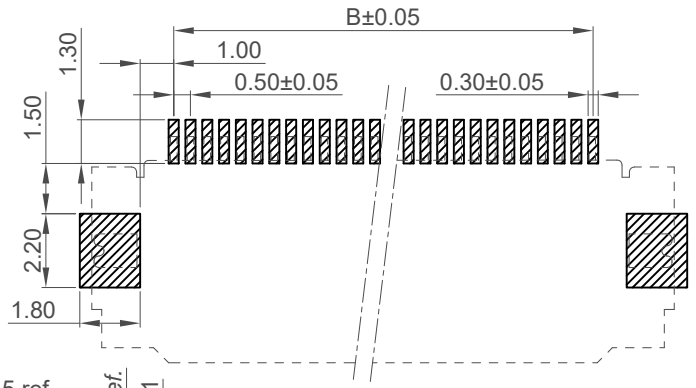
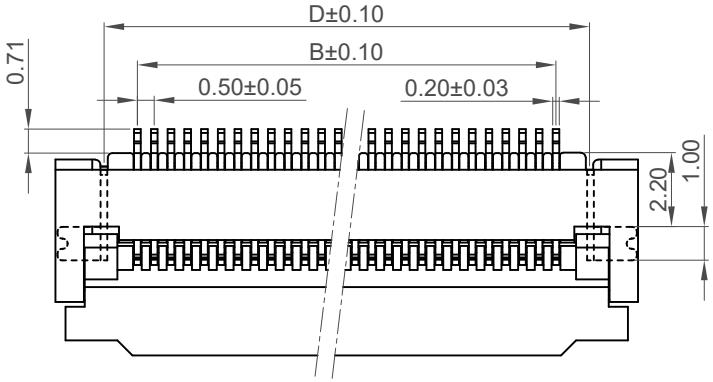
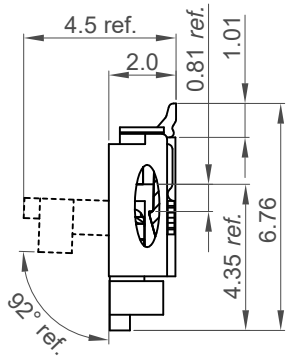
EN: This Datasheet/Document is presented by the manufacturer.

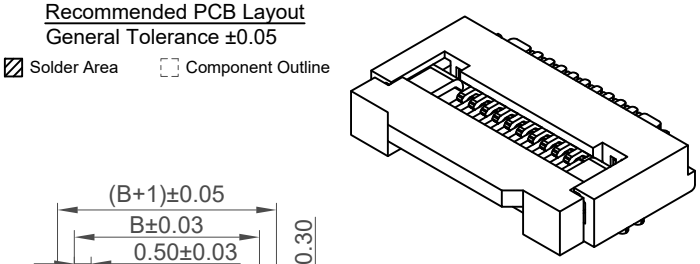
Please visit our website for pricing and availability at www.hestore.hu.





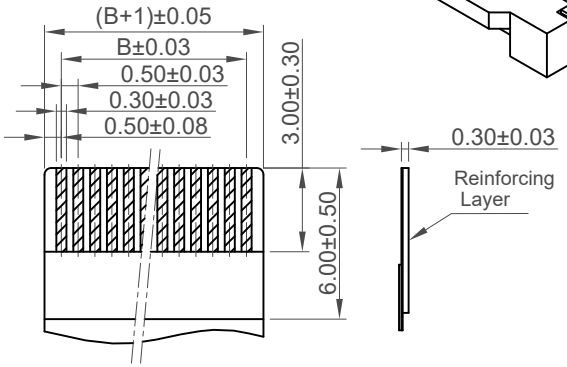




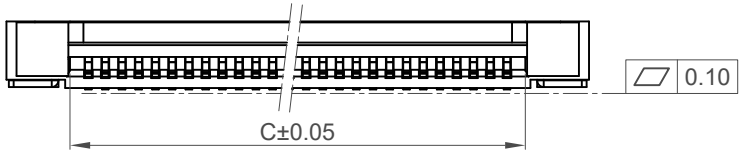


Recommended PCB Layout
General Tolerance ±0.05

Solder Area Component Outline



Recommended FFC/FPC Dimensions



No. of Contacts	Dimensions			
	A	B	C	D
* 4	6.4	1.50	2.60	3.50
* 5	6.9	2.00	3.10	4.00
* 6	7.4	2.50	3.60	4.50
* 7	7.9	3.00	4.10	5.00
* 8	8.4	3.50	4.60	5.50
* 9	8.9	4.00	5.10	6.00
* 10	9.4	4.50	5.60	6.50
* 11	9.9	5.00	6.10	7.00
* 12	10.4	5.50	6.60	7.50
* 13	10.9	6.00	7.10	8.00
* 14	11.4	6.50	7.60	8.50
* 15	11.9	7.00	8.10	9.00
* 16	12.4	7.50	8.60	9.50
* 17	12.9	8.00	9.10	10.00
* 18	13.4	8.50	9.60	10.50
* 19	13.9	9.00	10.10	11.00
* 20	14.4	9.50	10.60	11.50
* 21	14.9	10.00	11.10	12.00
* 22	15.4	10.50	11.60	12.50
23	15.9	11.00	12.10	13.00
* 24	16.4	11.50	12.60	13.50
* 25	16.9	12.00	13.10	14.00
* 26	17.4	12.50	13.60	14.50
* 27	17.9	13.00	14.10	15.00
* 28	18.4	13.50	14.60	15.50
29	18.9	14.00	15.10	16.00
* 30	19.4	14.50	15.60	16.50
* 31	19.9	15.00	16.10	17.00
* 32	20.4	15.50	16.60	17.50
* 33	20.9	16.00	17.10	18.00
* 34	21.4	16.50	17.60	18.50
* 35	21.9	17.00	18.10	19.00
* 36	22.4	17.50	18.60	19.50
* 37	22.9	18.00	19.10	20.00
38	23.4	18.50	19.60	20.50
* 39	23.9	19.00	20.10	21.00
* 40	24.4	19.50	20.60	21.50
* 41	24.9	20.00	21.10	22.00
* 42	25.4	20.50	21.60	22.50
43	25.9	21.00	22.10	23.00
44	26.4	21.50	22.60	23.50
* 45	26.9	22.00	23.10	24.00
* 46	27.4	22.50	23.60	24.50
47	27.9	23.00	24.10	25.00
48	28.4	23.50	24.60	25.50
49	28.9	24.00	25.10	26.00
* 50	29.4	24.50	25.60	26.50
* 51	29.9	25.00	26.10	27.00
52	30.4	25.50	26.60	27.50
* 53	30.9	26.00	27.10	28.00
* 54	31.4	26.50	27.60	28.50
* 55	31.9	27.00	28.10	29.00
56	32.4	27.50	28.60	29.50
57	32.9	28.00	29.10	30.00
58	33.4	28.50	29.60	30.50
59	33.9	29.00	30.10	31.00
* 60	34.4	29.50	30.60	31.50

Specification:

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

Plating:
Contact: See Ordering Grid
Fitting Nail: Matte Tin

Electrical:
Voltage Rating (Max.): 50V AC/DC
Current Rating (Max.):
0.4A AC/DC (60 contacts powered)
0.5A AC/DC (40 contacts powered)
Dielectric Strength: 250V AC for 1 minute
Insulation Resistance: 50 MΩ Min.
Contact Resistance: Initial: 30 mΩ Max.
Final: 50 mΩ Max.

Mechanical & Environmental
Durability: 30 Cycles
Operating Temperature: -25°C to +85°C
Solder Profile:
Peak Temp 260°C (+0/-5°C) max. (5 seconds)

Ordering Grid

FFC2B35 — XX — X Request Samples and Quotation Halogen Free

No. of Contacts
04 - 60
(see dimension table)

Contact Plating
G = Gold Flash over all ***(Standard)***
T = Tin Plating over all

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

Part Number: FFC2B35	Product Description: FFC/FPC 0.5mm Pitch Side Entry, Bottom Contact, SMT, Height=2.0mm, Front Flip		
Drawing Date: 11th June 2021			
By: CC	Tolerances (Except as Noted) Length: X.X ± 0. 20, X.XX ± 0.10	Angle: X.° ± 1°	Units: Metric (mm)
Detail / Drawing Release			3rd Angle Projection
Revision: A2			RoHS COMPLIANT 2011/65/EU Deca-BDE
Date: 10/01/22			

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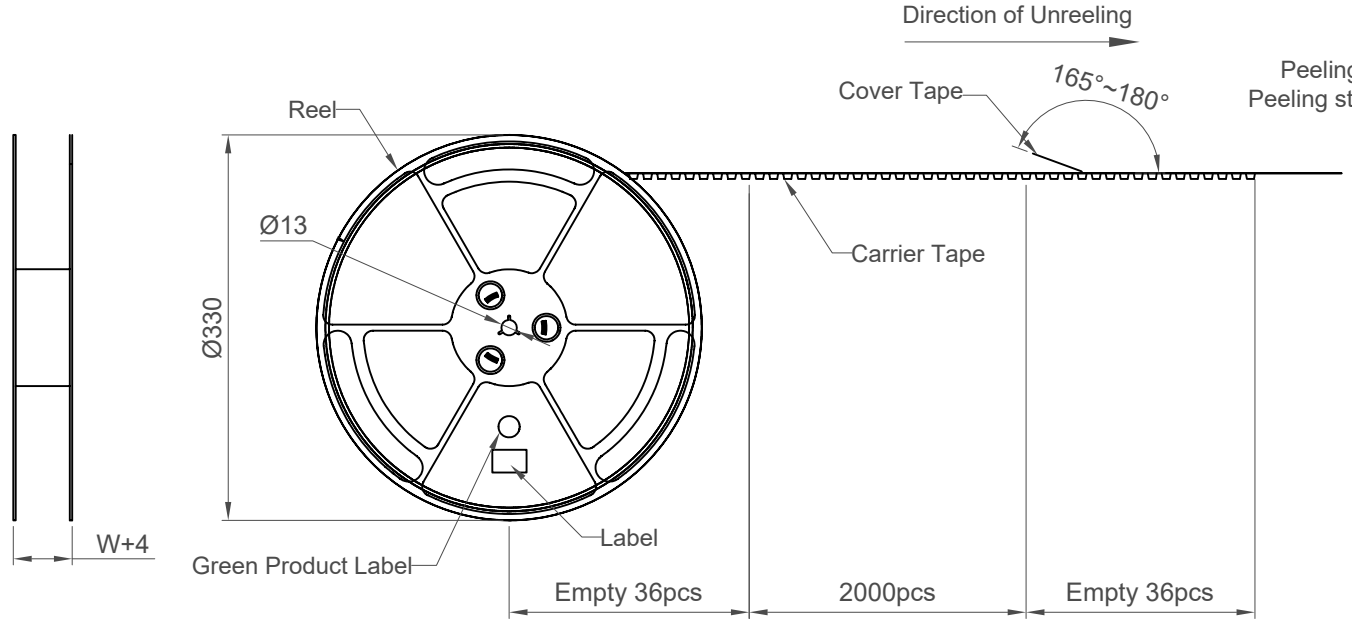
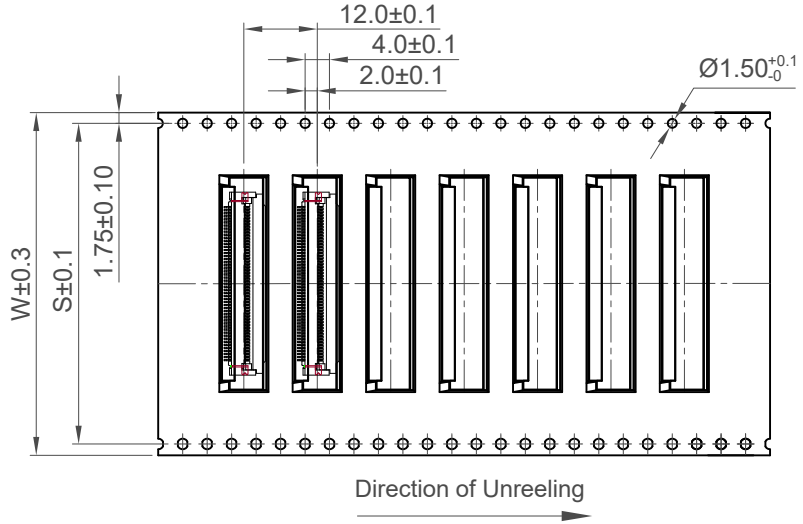
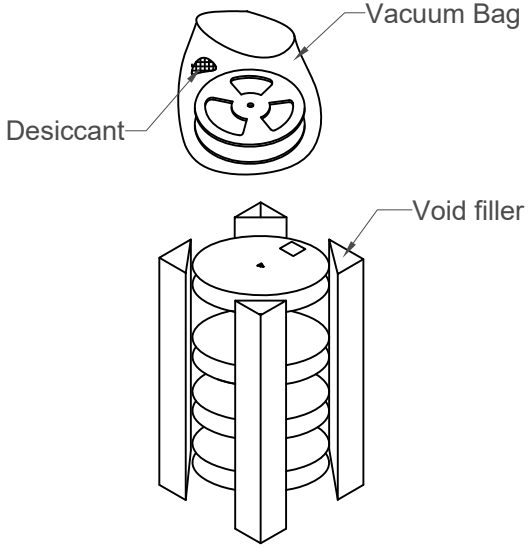
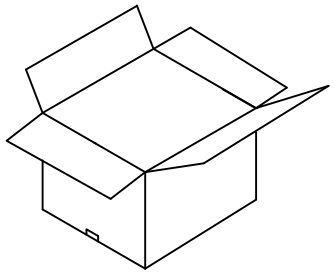
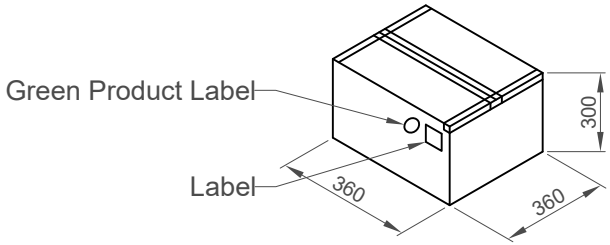
Not to Scale	Drawn By CC	Sheet No. 1/2











No. of Contacts	W	S	Pcs/Reel	Reel/Carton	Pcs/Carton
4 ~ 19	24	N/A	2000	10	20000
20~ 31	32	28.4	2000	8	16000
32 ~ 49,51	44	40.4	2000	6	12000
50, 52 ~ 60	56	52.4	2000	4	8000

Part Number		Product Description			
FFC2B35		FFC/FPC 0.5mm Pitch Side Entry, Bottom Contact, SMT, Height=2.0mm, Front Flip			
Drawing Date					
11th June 2021					
By	CC	Tolerances (Except as Noted) Length	Angle	Units: Metric (mm)	RoHS COMPLIANT 2011/65/EU Dec-BDE
Detail	Drawing Release	-	-	3rd Angle Projection	
Revision	A2				
Date	10/01/22				

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