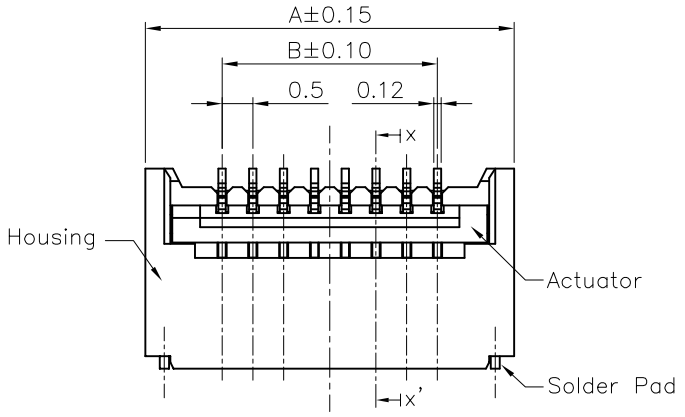
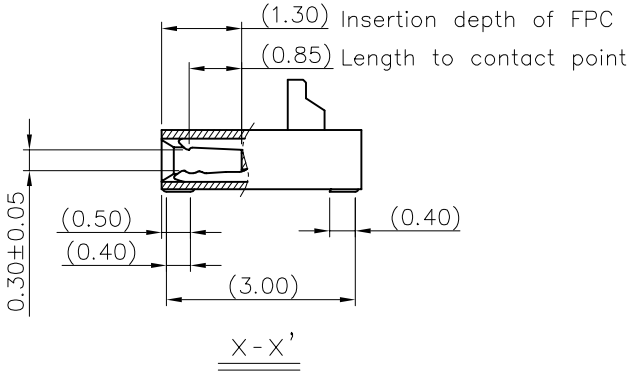
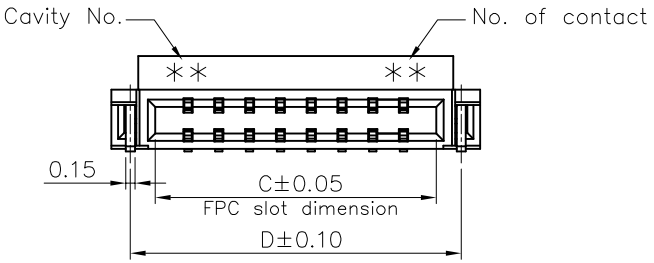
RoHS COMPLIANT PRODUCT

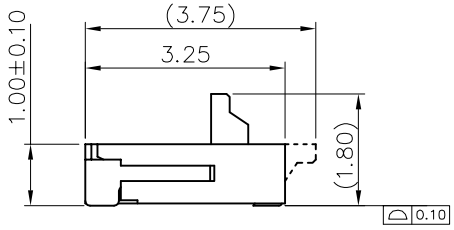
HF

REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A	/	2019.4.24	Wilson	INITIAL RELEASE
B	/	2024.6.25	Wilson	Update new specification
C	/	2025.8.23	Wilson	Add Note information









	No.of Contacts	Part Number	DIM. A	DIM. B	DIM. C	DIM. D
☆	04	FC07-5010004A	4.0	1.5	2.57	3.38
☆	05	FC07-5010005A	4.5	2.0	3.07	3.88
☆	06	FC07-5010006A	5.0	2.5	3.57	4.38
	07	FC07-5010007A	5.5	3.0	4.07	4.88
☆	08	FC07-5010008A	6.0	3.5	4.57	5.38
	09	FC07-5010009A	6.5	4.0	5.07	5.88
☆	10	FC07-5010010A	7.0	4.5	5.57	6.38
	11	FC07-5010011A	7.5	5.0	6.07	6.88
☆	12	FC07-5010012A	8.0	5.5	6.57	7.38
	13	FC07-5010013A	8.5	6.0	7.07	7.88
☆	14	FC07-5010014A	9.0	6.5	7.57	8.38
	15	FC07-5010015A	9.5	7.0	8.07	8.88
☆	16	FC07-5010016A	10.0	7.5	8.57	9.38
	17	FC07-5010017A	10.5	8.0	9.07	9.88
☆	18	FC07-5010018A	11.0	8.5	9.57	10.38
	19	FC07-5010019A	11.5	9.0	10.07	10.88
	20	FC07-5010020A	12.0	9.5	10.57	11.38
	21	FC07-5010021A	12.5	10.0	11.07	11.88
	22	FC07-5010022A	13.0	10.5	11.57	12.38
	23	FC07-5010023A	13.5	11.0	12.07	12.88
☆	24	FC07-5010024A	14.0	11.5	12.57	13.38
	25	FC07-5010025A	14.5	12.0	13.07	13.88
	26	FC07-5010026A	15.0	12.5	13.57	14.38
	27	FC07-5010027A	15.5	13.0	14.07	14.88
	28	FC07-5010028A	16.0	13.5	14.57	15.38
	29	FC07-5010029A	16.5	14.0	15.07	15.88
	30	FC07-5010030A	17.0	14.5	15.57	16.38
	31	FC07-5010031A	17.5	15.0	16.07	16.88
	32	FC07-5010032A	18.0	15.5	16.57	17.38
	33	FC07-5010033A	18.5	16.0	17.07	17.88
	34	FC07-5010034A	19.0	16.5	17.57	18.38
	35	FC07-5010035A	19.5	17.0	18.07	18.88
	36	FC07-5010036A	20.0	17.5	18.57	19.38
	37	FC07-5010037A	20.5	18.0	19.07	19.88
	38	FC07-5010038A	21.0	18.5	19.57	20.38
	39	FC07-5010039A	21.5	19.0	20.07	20.88
	40	FC07-5010040A	22.0	19.5	20.57	21.38
	41	FC07-5010041A	22.5	20.0	21.07	21.88
	42	FC07-5010042A	23.0	20.5	21.57	22.38
	43	FC07-5010043A	23.5	21.0	22.07	22.88
	44	FC07-5010044A	24.0	21.5	22.57	23.38
	45	FC07-5010045A	24.5	22.0	23.07	23.88
	46	FC07-5010046A	25.0	22.5	23.57	24.38
	47	FC07-5010047A	25.5	23.0	24.07	24.88
	48	FC07-5010048A	26.0	23.5	24.57	25.38
	49	FC07-5010049A	26.5	24.0	25.07	25.88
	50	FC07-5010050A	27.0	24.5	25.57	26.38

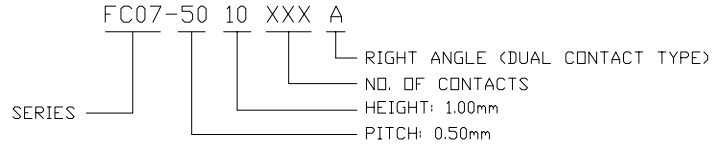
NOTE:

1.MATERIAL:
- HOUSING: LCP, BEIGE (UL94V-0)
- ACTUATOR: PA, BLACK (UL94V-0)
- TERMINAL:PHOSPHOR BRONZE
- LEG: BRASS

2.PLATING:
- TERMINAL: GOLD FLASH 1u"~3u"(Nickel Barrier)
- LEG:TIN OVER NICKEL(LEAD FREE)

3.RATING:
- OPERATING VOLTAGE: 5 Vrms AC
- CURRENT RATING:0.5A
- OPERATING TEMPERATURE:-55°C ~ +85°C
- OPERATING HUMIDITY RANGE:RELATIVE HUMIDITY 90% MAX (NO CONDENSATION)
- STORAGE TEMPERATURE RANGE:-10°C ~ +50°C
- STORAGE HUMIDITY RANGE:RELATIVE HUMIDITY 90% MAX (NO CONDENSATION)

4.PART NO.



*** 温馨提示: 后翻盖式FPC连接器，在后盖半扣合或全扣合时插入排线，端子有可能被插坏。

***Note: For the back flip type FPC connector, when the back cover is half-locked or fully locked, inserting the FPC cable may damage the terminals.

TOLERANCE UNLESS SPECIFIED		SHEET 1/5	DR. BY	Wilson	MATERIAL	
LINEAR	ANGLE					
.X ±0.25	X° XX	SCALE	CHK. BY	Jack	FINISH	
.XX ±0.15	.X° XX					
.XXX±0.10	.XX° XX	UNIT mm	APP. BY	WX.L	PART NO.	

讯凯精密 XUN KAI JING MI DongGuan Xunkai electronic technology Co. Ltd

TITLE	0.50mm Pitch FPC Connector
DWG NO.	FC07-5010XXXA

本部品不含有環境管理物質規定之有害物質

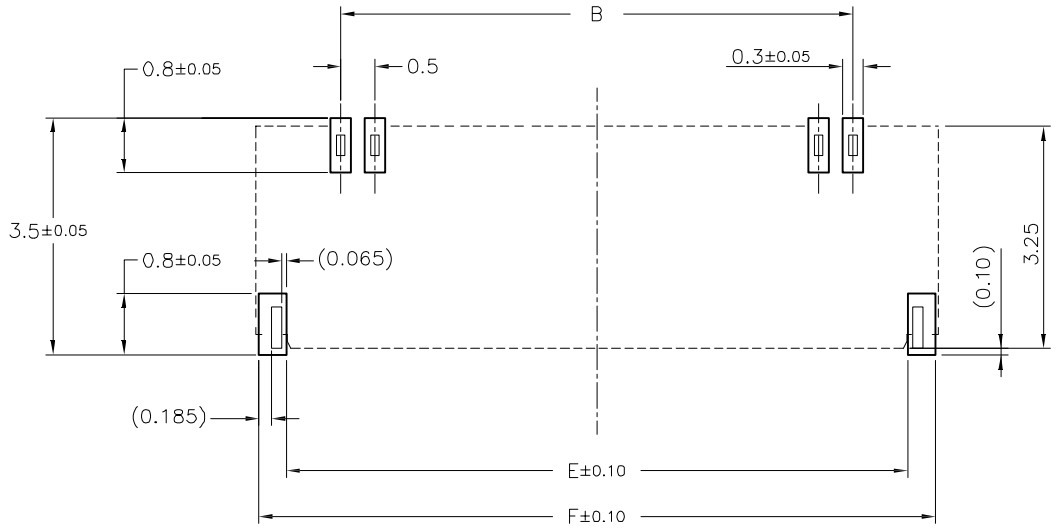
[MANAGEMENT REGULATIONS FOR THE RESTRICTIVELY-USED SUBSTANCES INCLUDED IN PARTS AND DEVICES]

RoHS COMPLIANT PRODUCT

HF

REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A	/	2019.4.24	Wilson	INITIAL RELEASE
B	/	2024.6.25	Wilson	Update new specification
C	/	2025.8.23	Wilson	Add Note information

Recommended metal mask thickness: t=0.1mm



FPC/FFC INSERT DIRECTION

PCB Layout

No. of Contacts	DIM. B	DIM. E	DIM. F
04	1.5	3.1	3.9
05	2.0	3.6	4.4
06	2.5	4.1	4.9
07	3.0	4.6	5.4
08	3.5	5.1	5.9
09	4.0	5.6	6.4
10	4.5	6.1	6.9
11	5.0	6.6	7.4
12	5.5	7.1	7.9
13	6.0	7.6	8.4
14	6.5	8.1	8.9
15	7.0	8.6	9.4
16	7.5	9.1	9.9
17	8.0	9.6	10.4
18	8.5	10.1	10.9
19	9.0	10.6	11.4
20	9.5	11.1	11.9
21	10.0	11.6	12.4
22	10.5	12.1	12.9
23	11.0	12.6	13.4
24	11.5	13.1	13.9
25	12.0	13.6	14.4
26	12.5	14.1	14.9
27	13.0	14.6	15.4
28	13.5	15.1	15.9
29	14.0	15.6	16.4
30	14.5	16.1	16.9
31	15.0	16.6	17.4
32	15.5	17.1	17.9
33	16.0	17.6	18.4
34	16.5	18.1	18.9
35	17.0	18.6	19.4
36	17.5	19.1	19.9
37	18.0	19.6	20.4
38	18.5	20.1	20.9
39	19.0	20.6	21.4
40	19.5	21.1	21.9
41	20.0	21.6	22.4
42	20.5	22.1	22.9
43	21.0	22.6	23.4
44	21.5	23.1	23.9
45	22.0	23.6	24.4
46	22.5	24.1	24.9
47	23.0	24.6	25.4
48	23.5	25.1	25.9
49	24.0	25.6	26.4
50	24.5	26.1	26.9

TOLERANCE UNLESS SPECIFIED		SHEET 2/5	DR. BY	Wilson	MATERIAL	
LINEAR	ANGLE					
.X ±0.25	X° XX	SCALE	CHK. BY	Jack	FINISH	
.XX ±0.15	.X° XX					
.XXX±0.10	.XX° XX	UNIT mm	APP. BY	WX.L	PART NO.	

讯凯精密 XUN KAI JING MI DongGuan Xunkai electronic technology Co. Ltd

TITLE	0.50mm Pitch FPC Connector
DWG NO.	FC07-5010XXXA

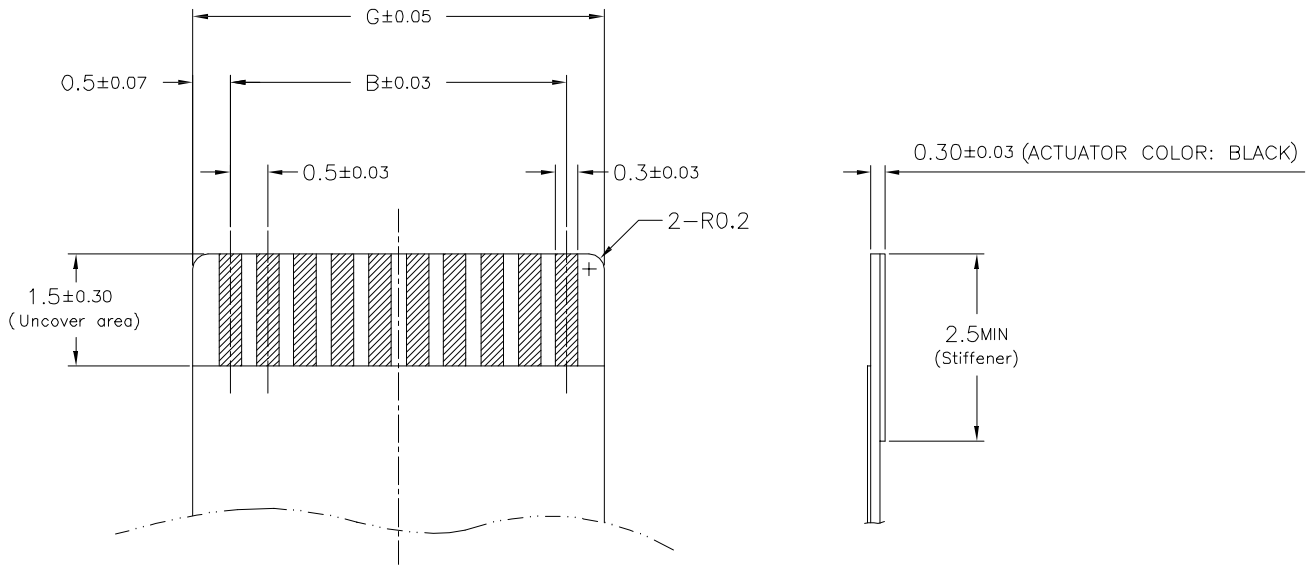
本部品不含有環境管理物質規定之有害物質

[MANAGEMENT REGULATIONS FOR THE RESTRICTIVELY-USED SUBSTANCES INCLUDED IN PARTS AND DEVICES]

RoHS COMPLIANT PRODUCT

HF

REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A	/	2019.4.24	Wilson	INITIAL RELEASE
B	/	2024.6.25	Wilson	Update new specification
C	/	2025.8.23	Wilson	Add Note information



No. of Contacts	DIM. B	DIM. G
04	1.5	2.5
05	2.0	3.0
06	2.5	3.5
07	3.0	4.0
08	3.5	4.5
09	4.0	5.0
10	4.5	5.5
11	5.0	6.0
12	5.5	6.5
13	6.0	7.0
14	6.5	7.5
15	7.0	8.0
16	7.5	8.5
17	8.0	9.0
18	8.5	9.5
19	9.0	10.0
20	9.5	10.5
21	10.0	11.0
22	10.5	11.5
23	11.0	12.0
24	11.5	12.5
25	12.0	13.0
26	12.5	13.5
27	13.0	14.0
28	13.5	14.5
29	14.0	15.0
30	14.5	15.5
31	15.0	16.0
32	15.5	16.5
33	16.0	17.0
34	16.5	17.5
35	17.0	18.0
36	17.5	18.5
37	18.0	19.0
38	18.5	19.5
39	19.0	20.0
40	19.5	20.5
41	20.0	21.0
42	20.5	21.5
43	21.0	22.0
44	21.5	22.5
45	22.0	23.0
46	22.5	23.5
47	23.0	24.0
48	23.5	24.5
49	24.0	25.0
50	24.5	25.5

TOLERANCE UNLESS SPECIFIED		SHEET 3/5	DR. BY	Wilson	MATERIAL	
LINEAR	ANGLE					
.X ±0.25	X° XX	SCALE	CHK. BY	Jack	FINISH	
.XX ±0.15	.X° XX					
.XXX±0.10	.XX° XX	UNIT mm	APP. BY	WX.L	PART NO.	

讯凯精密 XUN KAI JING MI DongGuan Xunkai electronic technology Co. Ltd

TITLE 0.50mm Pitch FPC Connector

DWG NO. FC07-5010XXXA

本部品不含有環境管理物質規定之有害物質

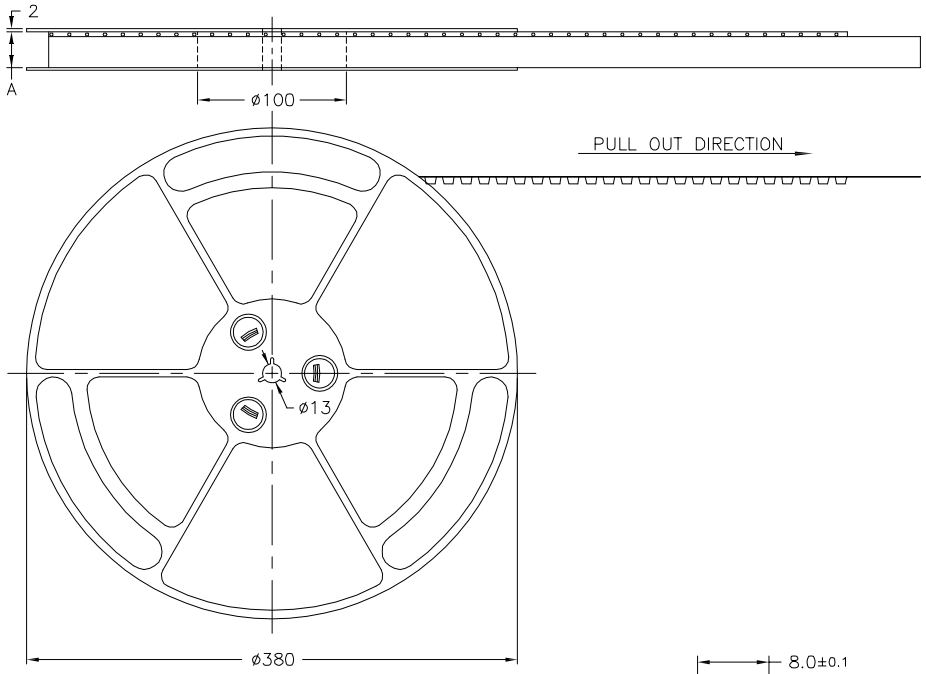
[MANAGEMENT REGULATIONS FOR THE RESTRICTIVELY-USED SUBSTANCES INCLUDED IN PARTS AND DEVICES]

RoHS COMPLIANT PRODUCT

HF

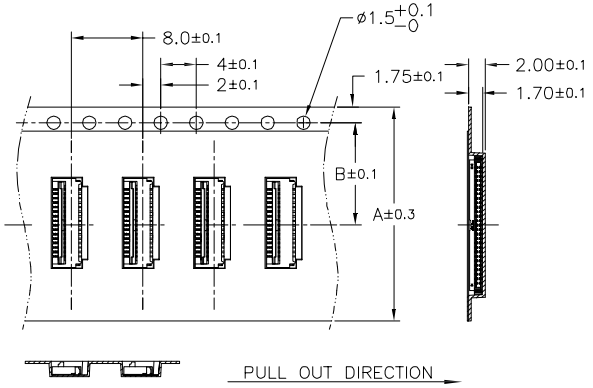
REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A	/	2019.4.24	Wilson	INITIAL RELEASE
B	/	2024.6.25	Wilson	Update new specification
C	/	2025.8.23	Wilson	Add Note information

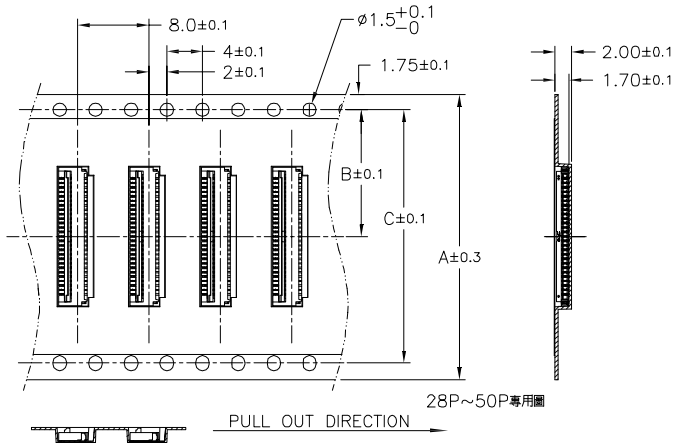
EMBOSSED TAPE PACKING



Note:

1. 10 sprocket hole pitch cumulative tolerance ± 0.2
2. Carrier camber is within 1 mm in 250mm.
3. Material : Black Conductive Polystyrene Alloy.
4. Thickness : 0.3 ± 0.05mm.
5. Component load per 15'' reel : 5000pcs.
6. For tape width (dimension A) 16 and 24mm a pilot hole is provided on one side. For tape width (dimension A) 32 and 44mm pilot holes are provided on both sides.





No. of Contacts	DIM. A	DIM. B	DIM. C
04 ↓ 11	16	7.5	—
12 ↓ 27	24	11.5	—
28 ↓ 39	32	14.2	28.4
40 ↓ 50	44	20.2	40.4

TOLERANCE UNLESS SPECIFIED		SHEET 4/5	DR. BY	Wilson	MATERIAL	
LINEAR	ANGLE					
.X ±0.25	X° XX	SCALE	CHK. BY	Jack	FINISH	
.XX ±0.15	.X° XX					
.XXX±0.10	.XX° XX	UNIT mm	APP. BY	WX.L	PART NO.	

讯凯精密 XUN KAI JING MI DongGuan Xunkai electronic technology Co. Ltd

TITLE	0.50mm Pitch FPC Connector
DWG NO.	FC07-5010XXXA

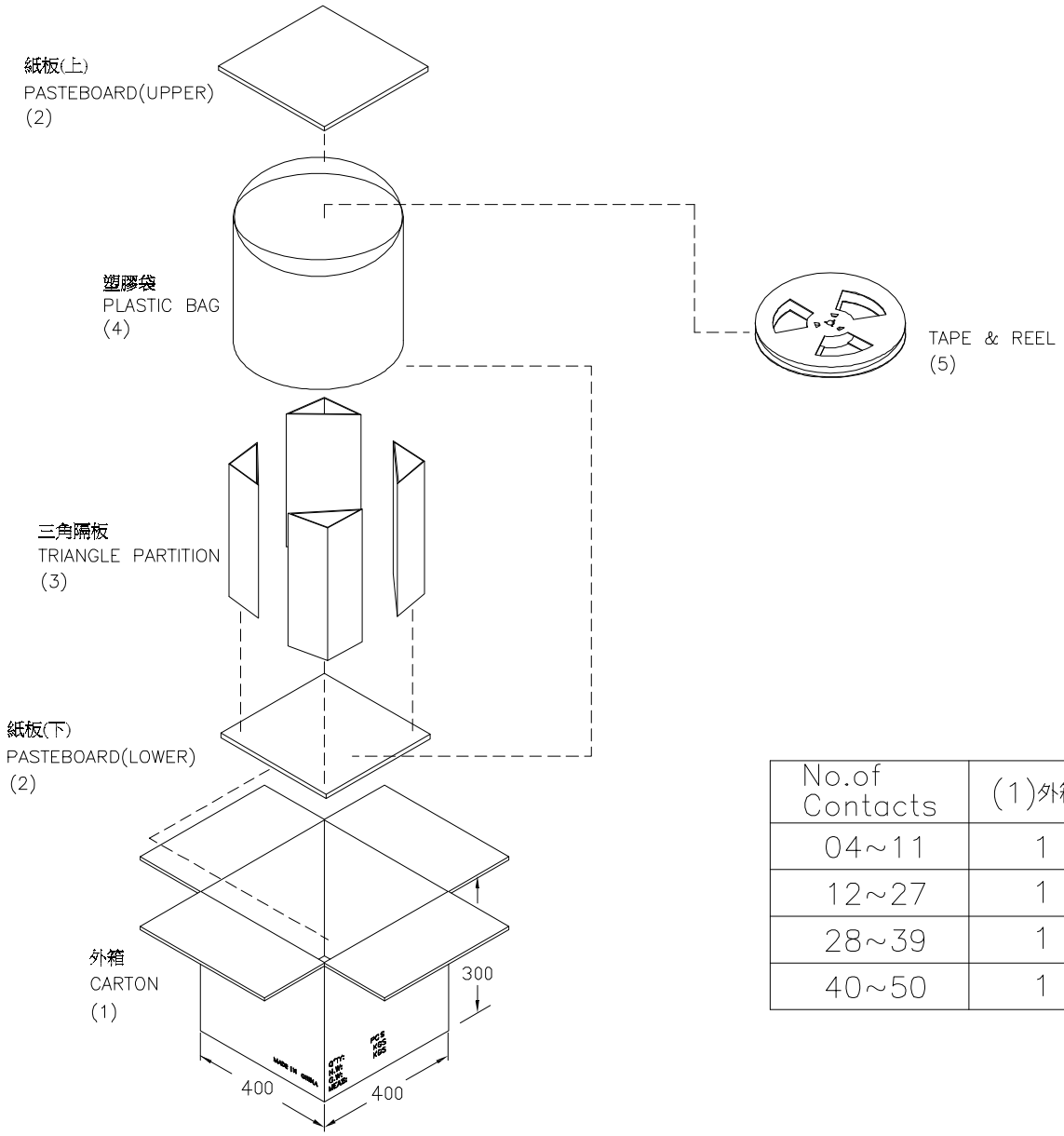
本部品不含有環境管理物質規定之有害物質

[MANAGEMENT REGULATIONS FOR THE RESTRICTIVELY-USED SUBSTANCES INCLUDED IN PARTS AND DEVICES]

RoHS COMPLIANT PRODUCT

HF

REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A	/	2019.4.24	Wilson	INITIAL RELEASE
B	/	2024.6.25	Wilson	Update new specification
C	/	2025.8.23	Wilson	Add Note information



No.of Contacts	(1)外箱	(2)紙板	(3)三角隔板	(4)塑膠袋	(5)塑膠圓盤
04~11	1	2	4	1	10
12~27	1	2	4	1	8
28~39	1	2	4	1	7
40~50	1	2	4	1	6

TOLERANCE UNLESS SPECIFIED		SHEET 5/5	DR. BY	Wilson	MATERIAL	
LINEAR	ANGLE					
.X ±0.25	X° XX	SCALE	CHK. BY	Jack	FINISH	
.XX ±0.15	.X° XX					
.XXX±0.10	.XX° XX	UNIT mm	APP. BY	WX.L	PART NO.	

讯凯精密 XUN KAI JING MI DongGuan Xunkai electronic technology Co. Ltd

TITLE 0.50mm Pitch FPC Connector

DWG NO. FC07-5010XXXA

本部品不含有環境管理物質規定之有害物質

[MANAGEMENT REGULATIONS FOR THE RESTRICTIVELY-USED SUBSTANCES INCLUDED IN PARTS AND DEVICES]