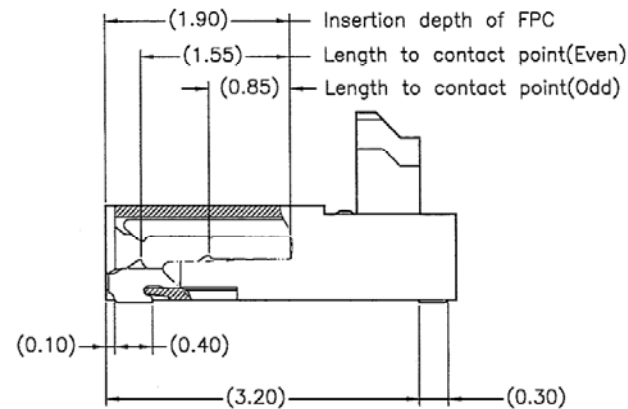
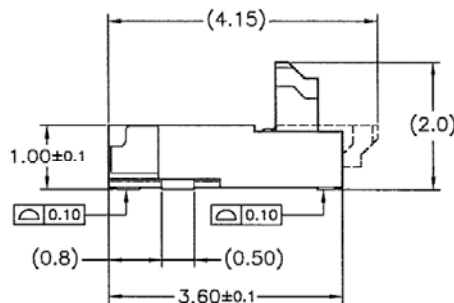
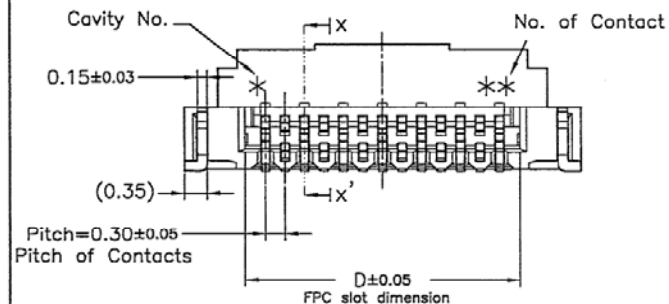
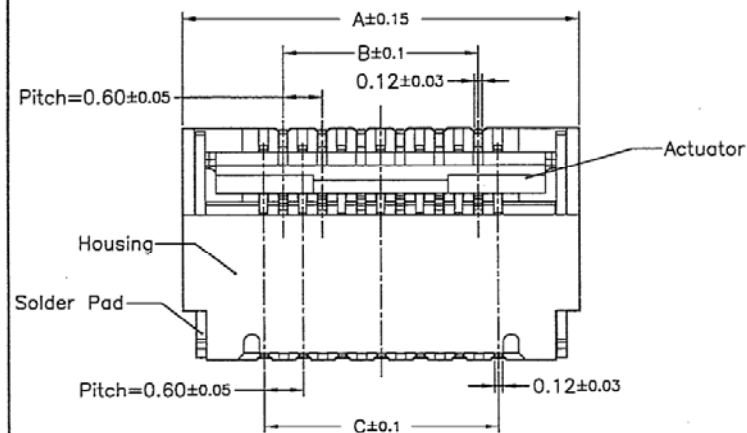




SECT: x-x'
SCALE 15:1

NOTE:

1.MATERIAL:

HOUSING:LCP(UL 94V-0)
ACTUATOR:LCP(UL 94V-0)
TERMINAL:PHOSPHOR BRONZE
STOPPER:PHOSPHOR BRONZE

2.PLATING:

TERMINAL:SEE ORDERING INFORMATION
STOPPER:TIN OVER NICKEL(LEAD FREE)

3.PART NO.:

BL310M-xxS31-TAHO

Halogen Free
PACKAGE TA-EMBOSSD TAPE
Right angle(Dual contact type)
Back flip type
GF: GOLD 1u"~3u" OVER NICKEL
NO. OF CONTACTS

4.RATING:

OPERATING VOLTAGE:30Vrms AC
CURRENT RATING:0.2A
OPERATING TEMPERATURE:-55°C ~ +85°C

本部品不含有環境管理物質規定之有害物質

TOLERANCE UNLESS SPECIFIED	
LINEAR	ANGLE
XX XX	XX XX
XX XX	XX XX
XXXXXX	XX XX

SHEET 1/6

DR. BY

廖鳳茹 1/8/11

MATERIAL SEE NOTE 1.

SCALE 10/1

CHK. BY

陳彥麟 1/8/11

FINISH SEE NOTE 2.

UNIT mm

APP. BY

陳彥麟 1/8/11

PART NO. SEE NOTE 3.

REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A		20100310	Eason	Release
B	ECN100501	20100506	Eason	1.Modify drawing. 2.Create carton drawing.
C	ECO11008	20110128	Nicole	BL310M-xxS31-TAHO BL310M-xxS31-TAHO

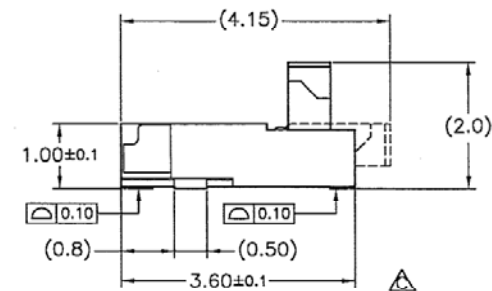
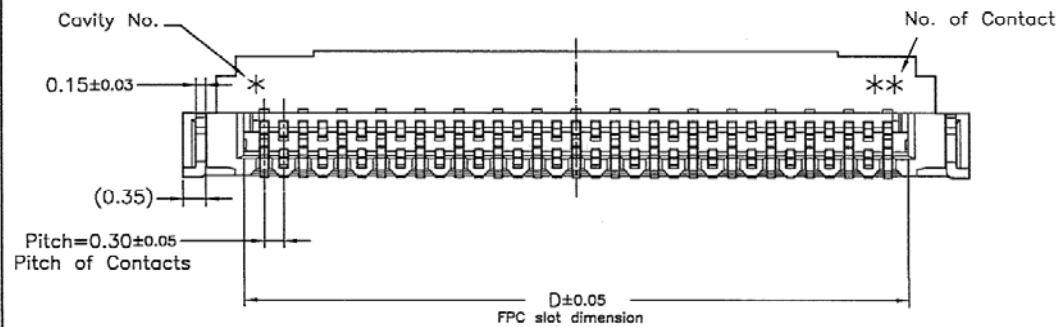
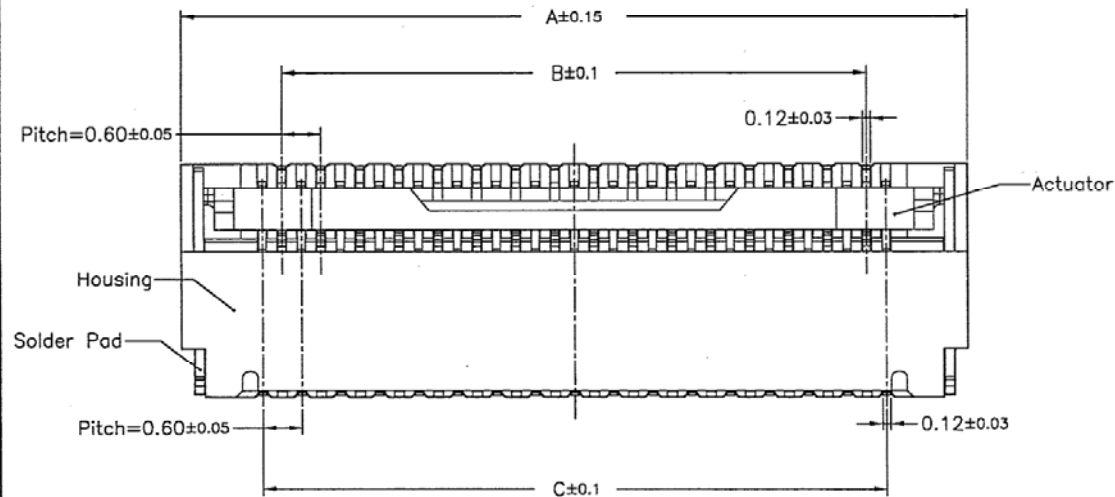
No. of Contacts	Part Number	DIM. A	DIM. B	DIM. C	DIM. D
09	BL310M-09S31	4.9	1.8	2.4	3.03
11	BL310M-11S31	5.5	2.4	3.0	3.63
13	BL310M-13S31	6.1	3.0	3.6	4.23
15	BL310M-15S31	6.7	3.6	4.2	4.83
17	BL310M-17S31	7.3	4.2	4.8	5.43
19	BL310M-19S31	7.9	4.8	5.4	6.03
21	BL310M-21S31	8.5	5.4	6.0	6.63
23	BL310M-23S31	9.1	6.0	6.6	7.23
25	BL310M-25S31	9.7	6.6	7.2	7.83
27	BL310M-27S31	10.3	7.2	7.8	8.43
29	BL310M-29S31	10.9	7.8	8.4	9.03



TITLE 0.3mm Pitch FPC Conn. (H=1.0)
DWG NO. BL310M-xxS31-TAHO

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

REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A		20100310	Eason	Release
B	ECN100501	20100506	Eason	1.Modify drawing. 2.Create carton drawing.
C	ECO11008	20110128	Nicole	BL310M-xxG31-TAHO BL310M-xxS31-TAHO



No. of Contacts	Part Number	DIM. A	DIM. B	DIM. C	DIM. D
31	BL310M-31S31	11.5	8.4	9.0	9.63
33	BL310M-33S31	12.1	9.0	9.6	10.23
35	BL310M-35S31	12.7	9.6	10.2	10.83
37	BL310M-37S31	13.3	10.2	10.8	11.43
39	BL310M-39S31	13.9	10.8	11.4	12.03
41	BL310M-41S31	14.5	11.4	12.0	12.63
43	BL310M-43S31	15.1	12.0	12.6	13.23
45	BL310M-45S31	15.7	12.6	13.2	13.83
49	BL310M-49S31	16.9	13.8	14.4	15.03
51	BL310M-51S31	17.5	14.4	15.0	15.63
57	BL310M-57S31	19.3	16.2	16.8	17.43
61	BL310M-61S31	20.5	17.4	18.0	18.63
67	BL310M-67S31	22.3	19.2	19.8	20.43
71	BL310M-71S31	23.5	20.4	21.0	21.63

TOLERANCE UNLESS SPECIFIED	SHEET 2/6	DR. BY 廖佩如	MATERIAL SEE NOTE 1.
LINEAR	SCALE 10/1	CHK. BY 廖佩如	FINISH SEE NOTE 2.
ANGLE	UNIT mm	APP. BY 廖佩如	PART NO. SEE NOTE 3.

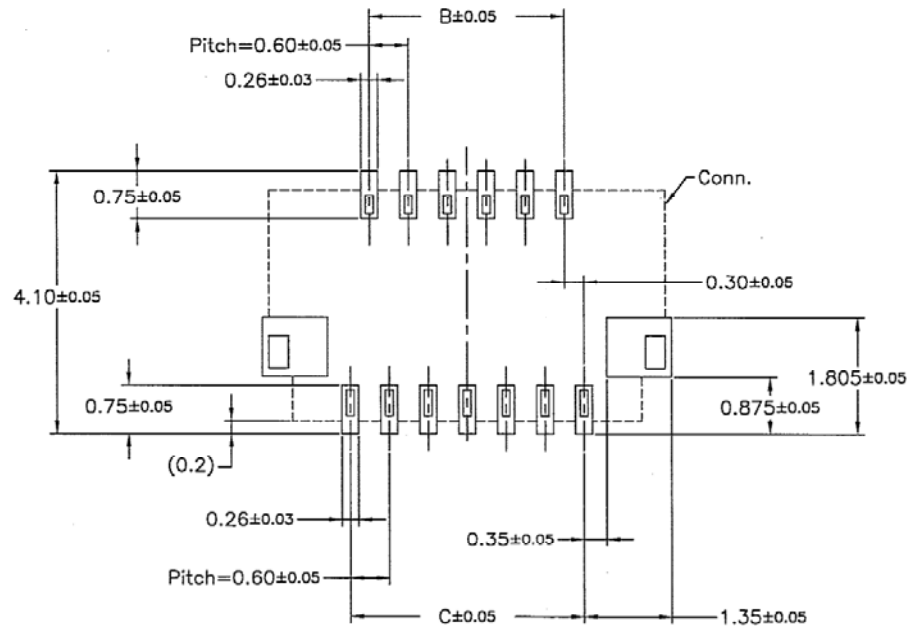


TITLE	0.3mm Pitch FPC Conn. (H=1.0)
DWG NO.	BL310M-xxS31-TAHO

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]

Recommended metal mask pattern(thickness 0.1mm)



↑
FPC/FFC INSERT DIRECTION

PCB Layout

REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A		20100310	Eason	Release
B	ECN100501	20100506	Eason	1.Modify drawing. 2.Create carton drawing.
C	ECO11008	20110128	Nicole	BL310M-xxG31-TAHO BL310M-xxS31-TAHO

No.of Contacts	Part Number	DIM. B	DIM. C
09	BL310M-09S31	1.8	2.4
11	BL310M-11S31	2.4	3.0
13	BL310M-13S31	3.0	3.6
15	BL310M-15S31	3.6	4.2
17	BL310M-17S31	4.2	4.8
19	BL310M-19S31	4.8	5.4
21	BL310M-21S31	5.4	6.0
23	BL310M-23S31	6.0	6.6
25	BL310M-25S31	6.6	7.2
27	BL310M-27S31	7.2	7.8
29	BL310M-29S31	7.8	8.4
31	BL310M-31S31	8.4	9.0
33	BL310M-33S31	9.0	9.6
35	BL310M-35S31	9.6	10.2
37	BL310M-37S31	10.2	10.8
39	BL310M-39S31	10.8	11.4
41	BL310M-41S31	11.4	12.0
43	BL310M-43S31	12.0	12.6
45	BL310M-45S31	12.6	13.2
49	BL310M-49S31	13.8	14.4
51	BL310M-51S31	14.4	15.0
57	BL310M-57S31	16.2	16.8
61	BL310M-61S31	17.4	18.0
67	BL310M-67S31	19.2	19.8
71	BL310M-71S31	20.4	21.0

TOLERANCE UNLESS SPECIFIED	SHEET 3/6	DR. BY	廖珮茹 1/28	MATERIAL
LINEAR	ANGLE	SCALE 10/1	CHK. BY	FINISH
XX XX	XX XX	UNIT mm	APP. BY	PART NO.
XXXX	XX XX			

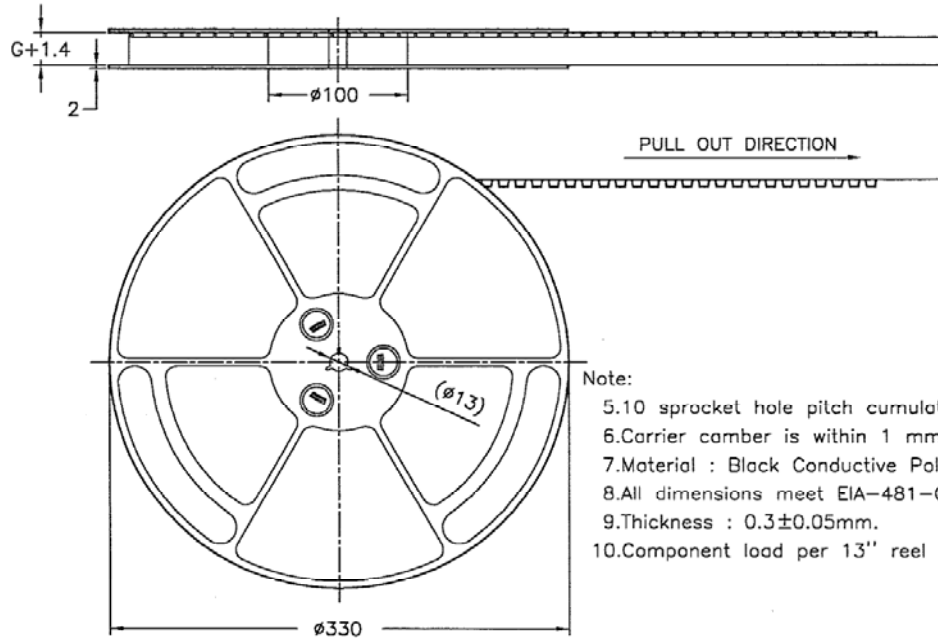


TITLE	0.3mm Pitch FPC Conn. (H=1.0)
DWG NO.	BL310M-xxS31-TAHO

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]

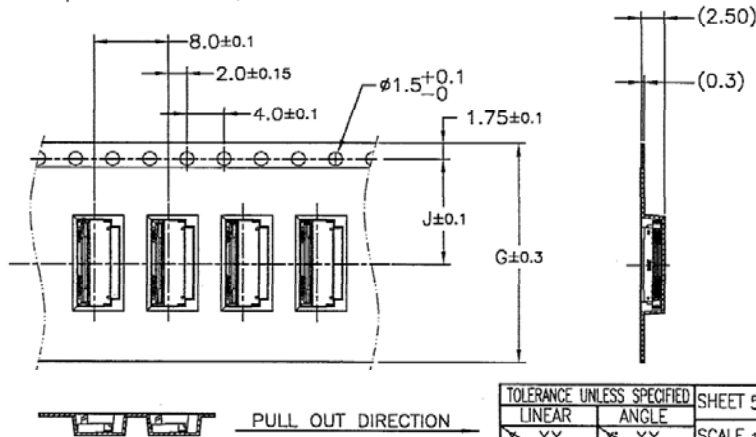
EMBOSED TAPE PACKING BL310M SERIES



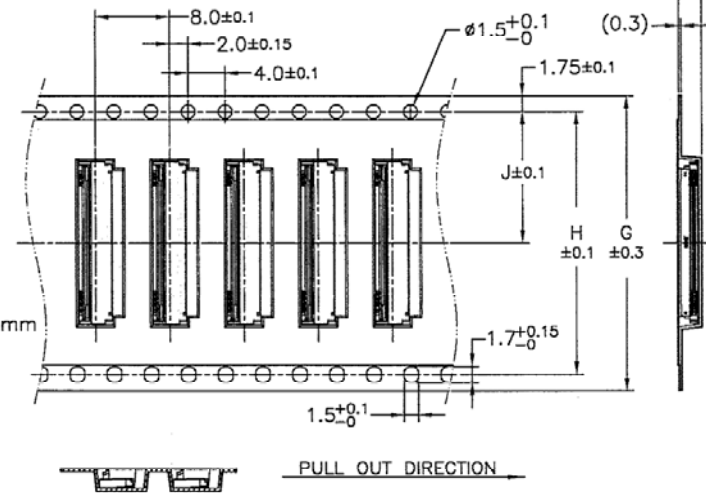
Note:

- 5.10 sprocket hole pitch cumulative tolerance
6. Carrier camber is within 1 mm in 250mm. ± 0.2 mm
7. Material : Black Conductive Polystyrene Alloy.
8. All dimensions meet EIA-481-C requirements.
9. Thickness : 0.3 ± 0.05 mm.
10. Component load per 13" reel : 3500 pcs

Tape width 12 , 16 and 24 mm



Tape width 32 and 44 mm



No. of Contacts	Part Number	DIM. G	DIM. H	DIM. J
09	BL310M-09S31	12	—	5.5
11	BL310M-11S31			
13	BL310M-13S31	16	—	7.5
19	BL310M-19S31			
21	BL310M-21S31	24	—	11.5
45	BL310M-45S31			
49	BL310M-49S31	32	28.4	14.2
51	BL310M-51S31			
57	BL310M-57S31	32	28.4	14.2
67	BL310M-67S31			
71	BL310M-71S31	44	40.4	20.2

TOLERANCE UNLESS SPECIFIED		SHEET 5/6	DR. BY	CHK. BY	APP. BY	MATERIAL	FINISH	PART NO.
LINEAR	ANGLE							
XX	XX	SCALE 10/1						
XX	XX	UNIT mm						
XXXX	XX							

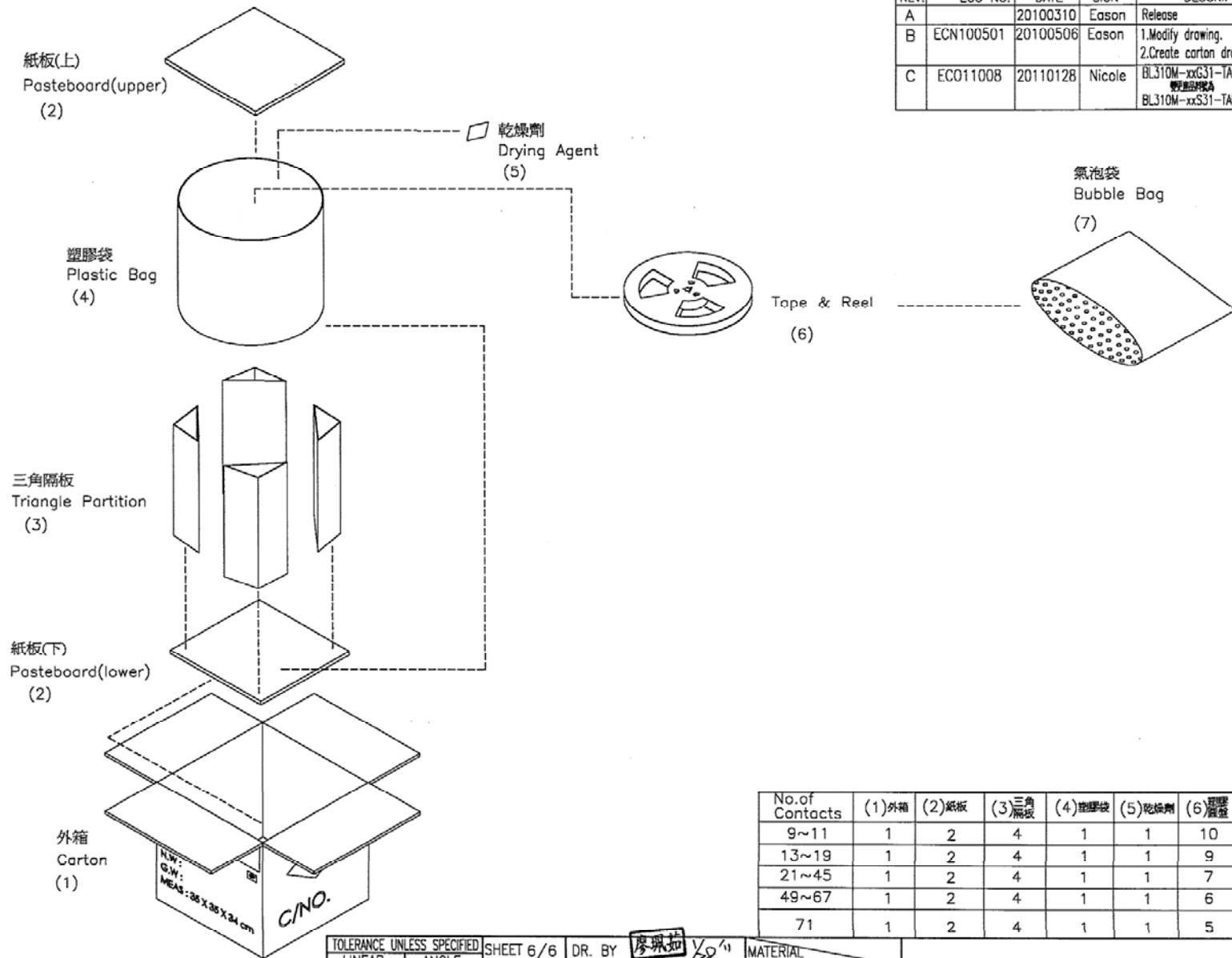


TITLE	0.3mm Pitch FPC Conn. (H=1.0)
DWG NO.	BL310M-xxS31-TAHO

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]

REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A		20100310	Eason	Release
B	ECN100501	20100506	Eason	1.Modify drawing. 2.Create carton drawing.
C	ECO11008	20110128	Nicole	BL310M-xxG31-TAHO BL310M-xxS31-TAHO



No. of Contacts	(1) 外箱	(2) 紙板	(3) 三角隔板	(4) 塑膠袋	(5) 乾燥劑	(6) 膠帶	(7) 氣泡袋
9~11	1	2	4	1	1	10	10
13~19	1	2	4	1	1	9	9
21~45	1	2	4	1	1	7	7
49~67	1	2	4	1	1	6	6
71	1	2	4	1	1	5	5

TOLERANCE UNLESS SPECIFIED		SHEET 6/6	DR. BY 廖興如	DATE 2/28/11	MATERIAL
LINEAR	ANGLE	SCALE 10/1	CHK. BY 廖興如	DATE 2/28/11	FINISH
XX XX	XX XX	UNIT mm	APP. BY 廖興如	DATE 2/28/11	PART NO.

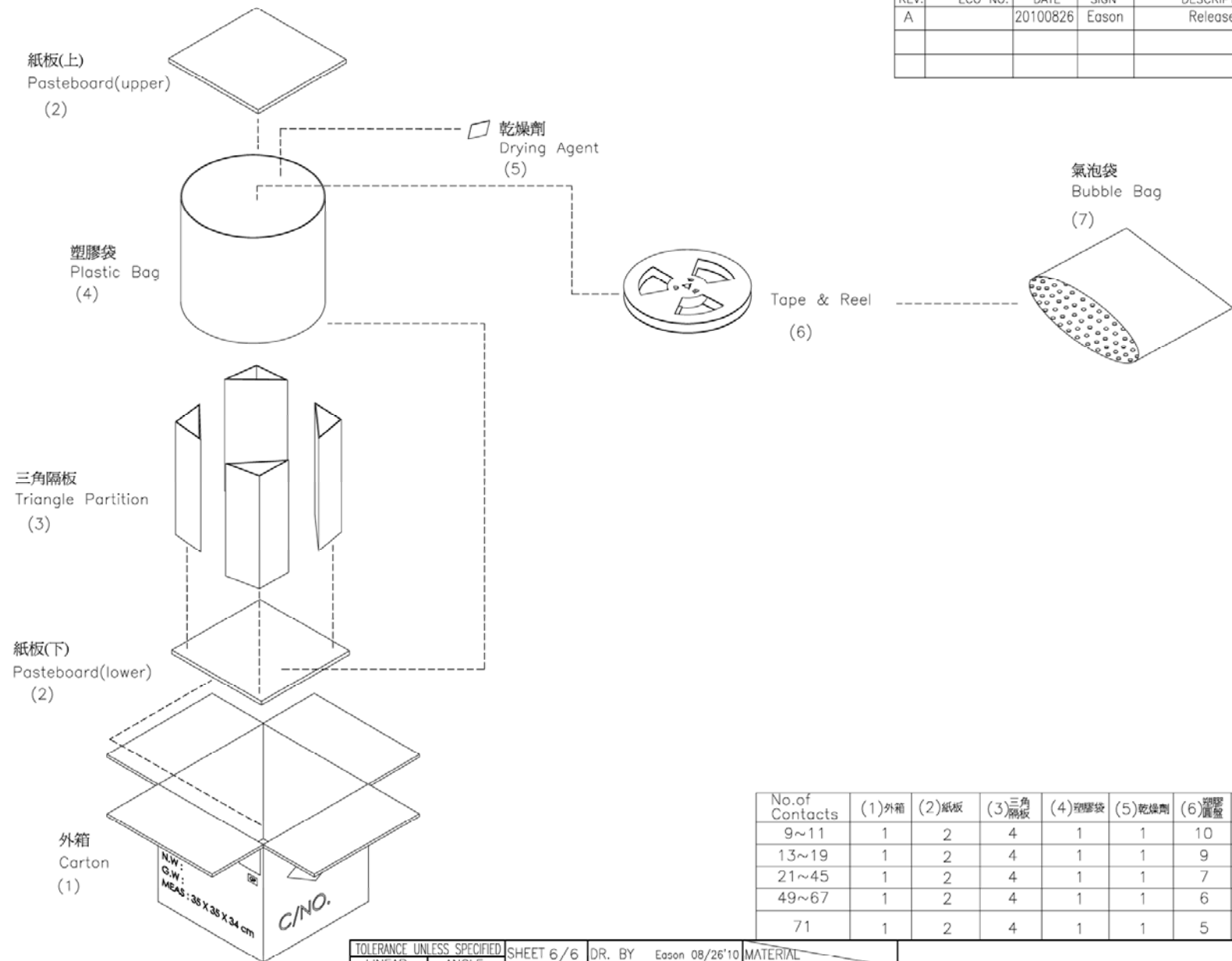


TITLE	0.3mm Pitch FPC Conn. (H=1.0)
DWG NO.	BL310M-xxS31-TAHO

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]

REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A		20100826	Eason	Release



No. of Contacts	(1)外箱	(2)紙板	(3)三角隔板	(4)塑膠袋	(5)乾燥劑	(6)塑膠圓盤	(7)氣泡袋
9~11	1	2	4	1	1	10	10
13~19	1	2	4	1	1	9	9
21~45	1	2	4	1	1	7	7
49~67	1	2	4	1	1	6	6
71	1	2	4	1	1	5	5

TOLERANCE UNLESS SPECIFIED		SHEET 6/6	DR. BY Eason 08/26'10	MATERIAL		<table><tr><td>TITLE</td><td>0.3mm Pitch FPC Conn. (H=1.0)</td></tr><tr><td>DWG NO.</td><td>BL310S-xxS31-TAHO</td></tr></table>		TITLE	0.3mm Pitch FPC Conn. (H=1.0)	DWG NO.	BL310S-xxS31-TAHO
TITLE	0.3mm Pitch FPC Conn. (H=1.0)										
DWG NO.	BL310S-xxS31-TAHO										
LINEAR	ANGLE	SCALE	CHK. BY Robbie 08/26'10	FINISH							
XX XX	XX XX										
XX XX	XX XX	UNIT mm	APP. BY Robbie 08/26'10	PART NO.							
XX XX	XX XX										

本品不含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]