

HF

NOTE:

1.MATERIAL:

HOUSING:L.C.P.
CONTACTS:COPPER ALLOY
SOLDER PAD:COPPER ALLOY

2.PLATING:

CONTACTS:SEE ORDER INFORMATION
SOLDER PAD:SEE ORDER INFORMATION

3.PART NO.:

BL121 H - xx R - xx xx

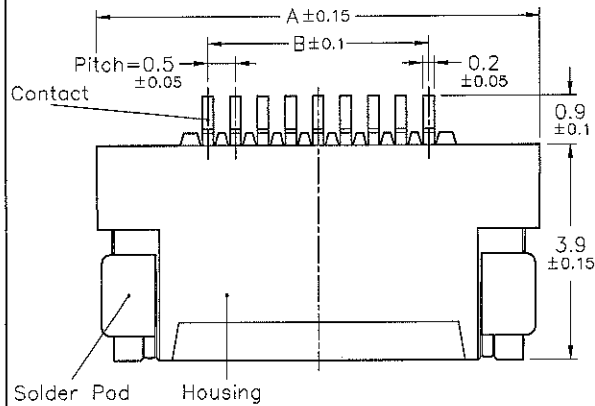
ND-TIN (LEAD FREE) OVER NICKEL
GF-1u"~3u" GOLD FLASH OVER NICKEL

SERIES

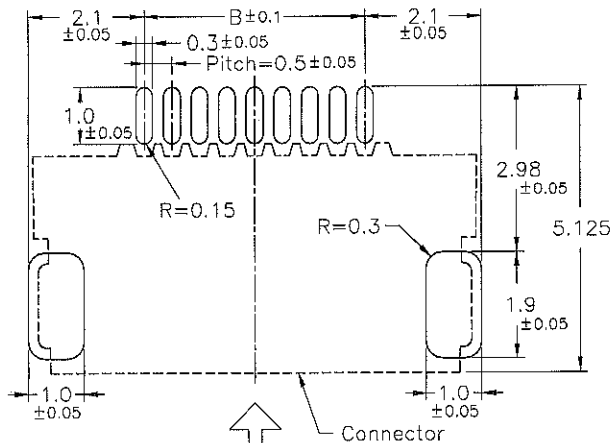
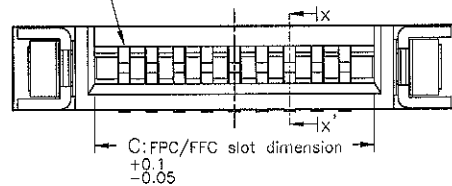
PACKAGING
TA-EMBOSSED TAPE
TU-TUBE
RIGHT ANGLE (DUAL CONTACT TYPE)
NO. OF CONTACTS
HALOGEN FREE

4.RATING:

OPERATING VOLTAGE:50V
CURRENT RATING:0.4A
OPERATING TEMPERATURE:-55°C ~ +85°C

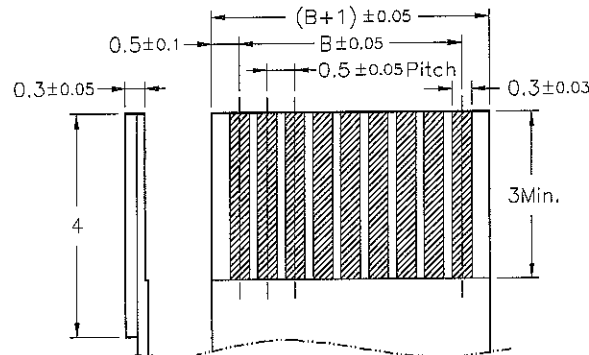
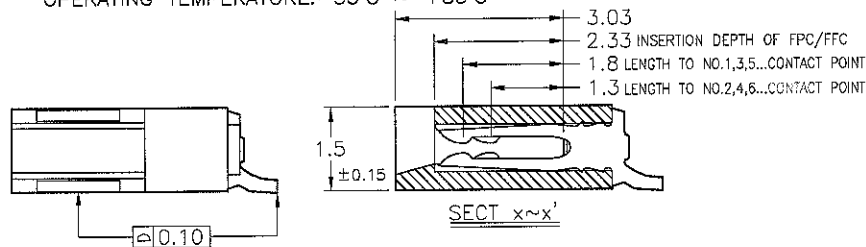


No.1 Contact Point



FPC/FFC INSERT DIRECTION

PCB Layout



Applicable FPC

REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A	-	20181101	Elven	Release

No. of Contacts	Part Number	DIM. A	DIM. B	DIM. C
04	BL121H-04R	5.53	1.5	2.57
05	BL121H-05R	6.03	2.0	3.07
06	BL121H-06R	6.53	2.5	3.57
07	BL121H-07R	7.03	3.0	4.07
08	BL121H-08R	7.53	3.5	4.57
09	BL121H-09R	8.03	4.0	5.07
10	BL121H-10R	8.53	4.5	5.57
11	BL121H-11R	9.03	5.0	6.07
12	BL121H-12R	9.53	5.5	6.57
13	BL121H-13R	10.03	6.0	7.07
14	BL121H-14R	10.53	6.5	7.57
15	BL121H-15R	11.03	7.0	8.07
16	BL121H-16R	11.53	7.5	8.57
17	BL121H-17R	12.03	8.0	9.07
18	BL121H-18R	12.53	8.5	9.57
19	BL121H-19R	13.03	9.0	10.07
20	BL121H-20R	13.53	9.5	10.57
21	BL121H-21R	14.03	10.0	11.07
22	BL121H-22R	14.53	10.5	11.57
23	BL121H-23R	15.03	11.0	12.07
24	BL121H-24R	15.53	11.5	12.57
25	BL121H-25R	16.03	12.0	13.07
26	BL121H-26R	16.53	12.5	13.57
27	BL121H-27R	17.03	13.0	14.07
28	BL121H-28R	17.53	13.5	14.57
29	BL121H-29R	18.03	14.0	15.07
30	BL121H-30R	18.53	14.5	15.57
31	BL121H-31R	19.03	15.0	16.07
32	BL121H-32R	19.53	15.5	16.57
33	BL121H-33R	20.03	16.0	17.07
34	BL121H-34R	20.53	16.5	17.57
35	BL121H-35R	21.03	17.0	18.07
36	BL121H-36R	21.53	17.5	18.57
37	BL121H-37R	22.03	18.0	19.07
38	BL121H-38R	22.53	18.5	19.57
39	BL121H-39R	23.03	19.0	20.07
40	BL121H-40R	23.53	19.5	20.57
41	BL121H-41R	24.03	20.0	21.07
42	BL121H-42R	24.53	20.5	21.57
43	BL121H-43R	25.03	21.0	22.07
44	BL121H-44R	25.53	21.5	22.57
45	BL121H-45R	26.03	22.0	23.07
46	BL121H-46R	26.53	22.5	23.57
47	BL121H-47R	27.03	23.0	24.07
48	BL121H-48R	27.53	23.5	24.57
49	BL121H-49R	28.03	24.0	25.07
50	BL121H-50R	28.53	24.5	25.57
51	BL121H-51R	29.03	25.0	26.07
52	BL121H-52R	29.53	25.5	26.57
53	BL121H-53R	30.03	26.0	27.07
54	BL121H-54R	30.53	26.5	27.57
55	BL121H-55R	31.03	27.0	28.07
56	BL121H-56R	31.53	27.5	28.57
57	BL121H-57R	32.03	28.0	29.07
58	BL121H-58R	32.53	28.5	29.57
59	BL121H-59R	33.03	29.0	30.07
60	BL121H-60R	33.53	29.5	30.57

TOLERANCE UNLESS SPECIFIED	LINEAR	ANGLE
X XX	X XX	X XX
XX XX	X XX	X XX
XXXXX	XX XX	XX XX

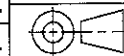
SHEET 1/3
SCALE 8/1
UNIT mm

DR. BY 王億仁
CHK. BY 詹文耀
APP. BY 詹文耀

MATERIAL See Note 1.
FINISH See Note 2.
PART NO. See Note 3.

SCG

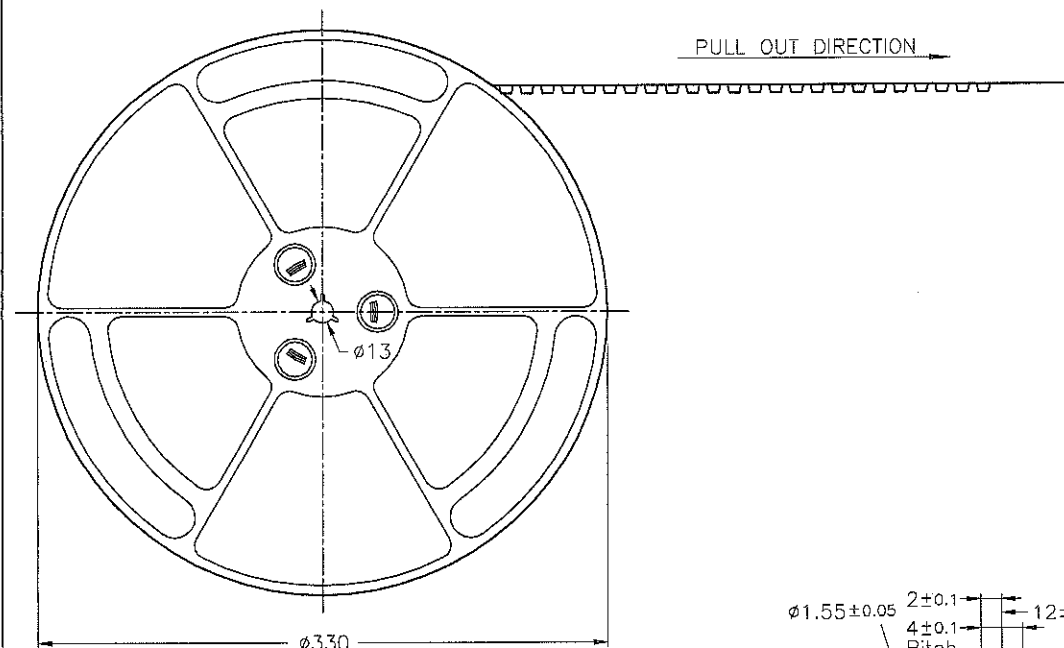
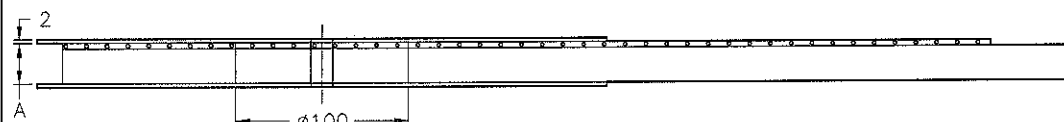
GUANGDONG SUNCAGEY ELECTRONIC TECH. CO., LTD.



TITLE	0.5mm Pitch FPC/FFC Connector
DWG NO.	BL121H-xxR-xxxx

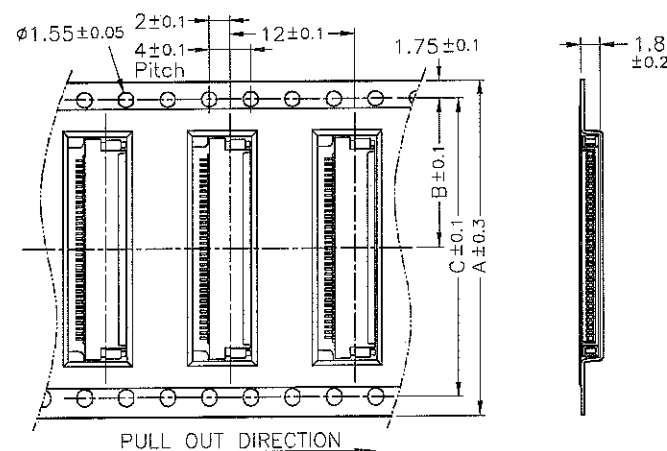
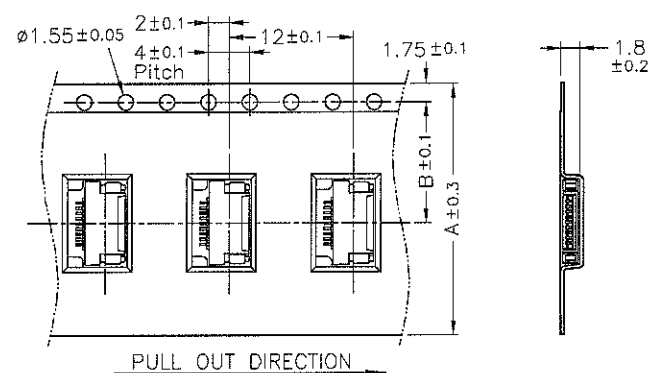
HF **EMBOSSED TAPE PACKING BL121H SERIES RIGHT ANGLE TYPE**

REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A	-	20181101	Elven	Release



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
100% recyclable.
4. Thickness : 0.3 ± 0.05 mm.
5. Component load per 13" reel : 2500pcs.
6. For tape width (dimension A) 16mm and 24mm a pilot hole is provided on one side.
For tape width (dimension A) 32/44 and 56mm pilot holes are provided on both sides.



No. of Contacts	Part Number	DIM. A	DIM. B	DIM. C
4	BL121H-04R	16	7.5	—
10	BL121H-10R	16	7.5	—
11	BL121H-11R	24	11.5	—
26	BL121H-26R	24	11.5	—
27	BL121H-27R	32	14.2	28.4
34	BL121H-34R	32	14.2	28.4
35	BL121H-35R	44	20.2	40.4
56	BL121H-56R	44	20.2	40.4
57	BL121H-57R	56	26.2	52.4
60	BL121H-60R	56	26.2	52.4

TOLERANCE UNLESS SPECIFIED		SHEET 2/3		DR. BY 王億仁		MATERIAL See Note 3.	
LINEAR	ANGLE	SCALE	CHK. BY 詹文耀	FINISH	APP. BY 詹文耀	PART NO.	
XX XX	XX XX	UNIT mm					
XX XX	XX XX						
XXXX	XX XX						

SCG GUANGDONG SUNCAGEY ELECTRONIC TECH. CO., LTD.	
TITLE	0.5mm Pitch FPC/FPC Connector
DWG NO.	BL121H-xxR-xxxx

HF

REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A	-	20181101	Elven	Release

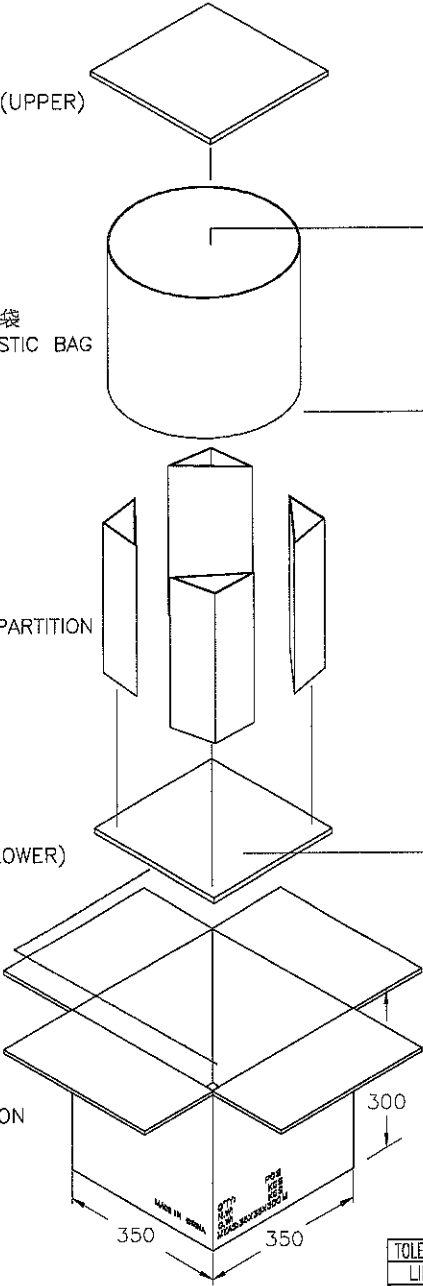
紙板(上)
PASTEBOARD(UPPER)
(2)

塑膠袋
PLASTIC BAG
(4)

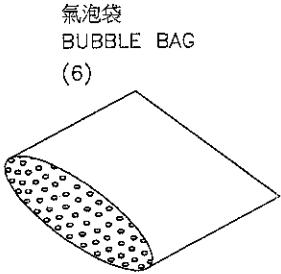
三角隔板
TRIANGLE PARTITION
(3)

紙板(下)
PASTEBOARD(LOWER)
(2)

外箱
CARTON
(1)



TAPE & REEL
(5)



氣泡袋
BUBBLE BAG
(6)

No. of Contacts	(1)外箱	(2)紙板	(3)三角 隔板	(4)塑膠袋	(5)泡 沫袋	(6)氣泡袋
4~10	1	2	4	1	9	9
11~26	1	2	4	1	7	7
27~34	1	2	4	1	6	6
35~56	1	2	4	1	5	5
57~60	1	2	4	1	4	4

TOLERANCE UNLESS SPECIFIED	
LINEAR	ANGLE
XX XX	° XX
XX XX	° XX
XXXX	XX XX

SHEET 3/3
SCALE
UNIT mm

DR. BY 王億仁
CHK. BY 詹文耀
APP. BY 詹文耀

MATERIAL
FINISH
PART NO.



GUANGDONG SUNCAGEY ELECTRONIC TECH. CO., LTD.	
TITLE	0.5mm Pitch FPC/FFC Connector
DWG NO.	BL121H-xxR-xxxx

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]