

HF

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

NOTE:

1.MATERIAL:
HOUSING:L.C.P.
CONTACTS:COPPER ALLOY

2.PLATING:
CONTACTS:SEE ORDERING INFORMATION
SOLDER PAD:TIN OVER NICKEL

3.PART NO.:

BL122A

H

xx

R

xx

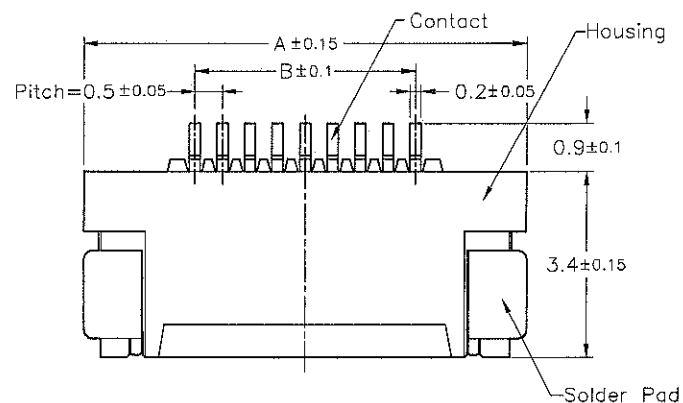
xx

SERIES

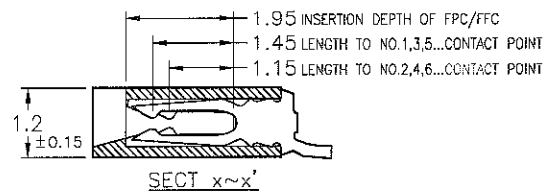
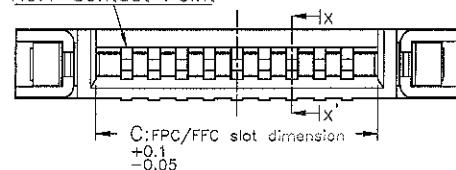
ND-TIN OVER NICKEL(LEAD FREE)
GF-1u"~3u" GOLD FLASH
(NICKEL BARRIER)
PACKAGING
TA-EMBOSSED TAPE
TU-TUBE
RIGHT ANGLE
NO. OF CONTACTS
HALOGEN FREE

4.RATING:

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



No.1 Contact Point

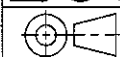


No.of Contacts	Part Number	DIM. A	DIM. B	DIM. C
4	BL122AH-04R	5.53	1.5	2.6
5	BL122AH-05R	6.03	2	3.1
6	BL122AH-06R	6.53	2.5	3.6
7	BL122AH-07R	7.03	3	4.1
8	BL122AH-08R	7.53	3.5	4.6
9	BL122AH-09R	8.03	4	5.1
10	BL122AH-10R	8.53	4.5	5.6
11	BL122AH-11R	9.03	5	6.1
12	BL122AH-12R	9.53	5.5	6.6
13	BL122AH-13R	10.03	6	7.1
14	BL122AH-14R	10.53	6.5	7.6
15	BL122AH-15R	11.03	7	8.1
16	BL122AH-16R	11.53	7.5	8.6
17	BL122AH-17R	12.03	8	9.1
18	BL122AH-18R	12.53	8.5	9.6
19	BL122AH-19R	13.03	9	10.1
20	BL122AH-20R	13.53	9.5	10.6
21	BL122AH-21R	14.03	10	11.1
22	BL122AH-22R	14.53	10.5	11.6
23	BL122AH-23R	15.03	11	12.1
24	BL122AH-24R	15.53	11.5	12.6
25	BL122AH-25R	16.03	12	13.1
26	BL122AH-26R	16.53	12.5	13.6
27	BL122AH-27R	17.03	13	14.1
28	BL122AH-28R	17.53	13.5	14.6
29	BL122AH-29R	18.03	14	15.1
30	BL122AH-30R	18.53	14.5	15.6
31	BL122AH-31R	19.03	15	16.1
32	BL122AH-32R	19.53	15.5	16.6
33	BL122AH-33R	20.03	16	17.1
34	BL122AH-34R	20.53	16.5	17.6
35	BL122AH-35R	21.03	17	18.1
36	BL122AH-36R	21.53	17.5	18.6
37	BL122AH-37R	22.03	18	19.1
38	BL122AH-38R	22.53	18.5	19.6
39	BL122AH-39R	23.03	19	20.1
40	BL122AH-40R	23.53	19.5	20.6
41	BL122AH-41R	24.03	20	21.1
42	BL122AH-42R	24.53	20.5	21.6
43	BL122AH-43R	25.03	21	22.1
44	BL122AH-44R	25.53	21.5	22.6
45	BL122AH-45R	26.03	22	23.1
46	BL122AH-46R	26.53	22.5	23.6
47	BL122AH-47R	27.03	23	24.1
48	BL122AH-48R	27.53	23.5	24.6
49	BL122AH-49R	28.03	24	25.1
50	BL122AH-50R	28.53	24.5	25.6

TOLERANCE UNLESS SPECIFIED		SHEET 1/4	DR. BY 王德仁	MATERIAL
LINEAR	ANGLE			
X XX	X XX	SCALE 8/1	CHK. BY 詹文耀	FINISH
XX XX	X XX	UNIT mm	APP. BY 詹文耀	PART NO.
XXXXX	XX XX			

SCG

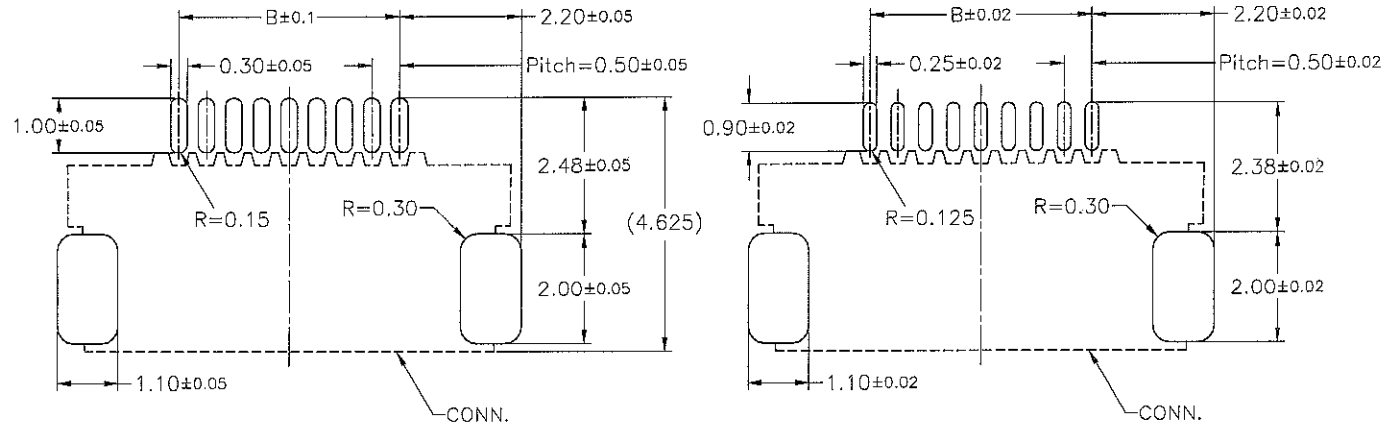
GUANGDONG SUNCAGEY ELECTRONIC TECH. CO., LTD.



TITLE 0.5mm Pitch FPC/FFC Connector
DWG NO. BL122AH-xxR-xxxx

HF

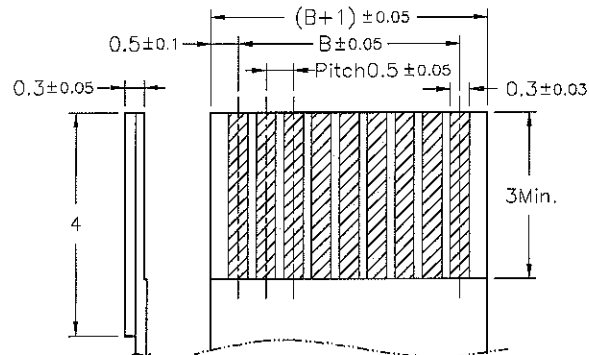
REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A	-	20181101	Elven	Release



↑
FPC/FFC INSERT DIRECTION

PCB Layout

RECOMMENDED METAL MASK PATTERN(THICKNESS 0.1mm)



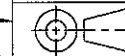
Applicable FPC

No. of Contacts	Part Number	DIM. A	DIM. B	DIM. C
4	BL122AH-04R	5.53	1.5	2.6
5	BL122AH-05R	6.03	2	3.1
6	BL122AH-06R	6.53	2.5	3.6
7	BL122AH-07R	7.03	3	4.1
8	BL122AH-08R	7.53	3.5	4.6
9	BL122AH-09R	8.03	4	5.1
10	BL122AH-10R	8.53	4.5	5.6
11	BL122AH-11R	9.03	5	6.1
12	BL122AH-12R	9.53	5.5	6.6
13	BL122AH-13R	10.03	6	7.1
14	BL122AH-14R	10.53	6.5	7.6
15	BL122AH-15R	11.03	7	8.1
16	BL122AH-16R	11.53	7.5	8.6
17	BL122AH-17R	12.03	8	9.1
18	BL122AH-18R	12.53	8.5	9.6
19	BL122AH-19R	13.03	9	10.1
20	BL122AH-20R	13.53	9.5	10.6
21	BL122AH-21R	14.03	10	11.1
22	BL122AH-22R	14.53	10.5	11.6
23	BL122AH-23R	15.03	11	12.1
24	BL122AH-24R	15.53	11.5	12.6
25	BL122AH-25R	16.03	12	13.1
26	BL122AH-26R	16.53	12.5	13.6
27	BL122AH-27R	17.03	13	14.1
28	BL122AH-28R	17.53	13.5	14.6
29	BL122AH-29R	18.03	14	15.1
30	BL122AH-30R	18.53	14.5	15.6
31	BL122AH-31R	19.03	15	16.1
32	BL122AH-32R	19.53	15.5	16.6
33	BL122AH-33R	20.03	16	17.1
34	BL122AH-34R	20.53	16.5	17.6
35	BL122AH-35R	21.03	17	18.1
36	BL122AH-36R	21.53	17.5	18.6
37	BL122AH-37R	22.03	18	19.1
38	BL122AH-38R	22.53	18.5	19.6
39	BL122AH-39R	23.03	19	20.1
40	BL122AH-40R	23.53	19.5	20.6
41	BL122AH-41R	24.03	20	21.1
42	BL122AH-42R	24.53	20.5	21.6
43	BL122AH-43R	25.03	21	22.1
44	BL122AH-44R	25.53	21.5	22.6
45	BL122AH-45R	26.03	22	23.1
46	BL122AH-46R	26.53	22.5	23.6
47	BL122AH-47R	27.03	23	24.1
48	BL122AH-48R	27.53	23.5	24.6
49	BL122AH-49R	28.03	24	25.1
50	BL122AH-50R	28.53	24.5	25.6

TOLERANCE UNLESS SPECIFIED		SHEET 2/4	DR. BY 王億仁	MATERIAL
LINEAR	ANGLE			
XX	XX	SCALE 8/1	CHK. BY 詹文耀	FINISH
XX	XX			
XXXX	XX	UNIT mm	APP. BY 詹文耀	PART NO.
XXXX	XX			

SCG

GUANGDONG SUNCAGEY ELECTRONIC TECH. CO., LTD.

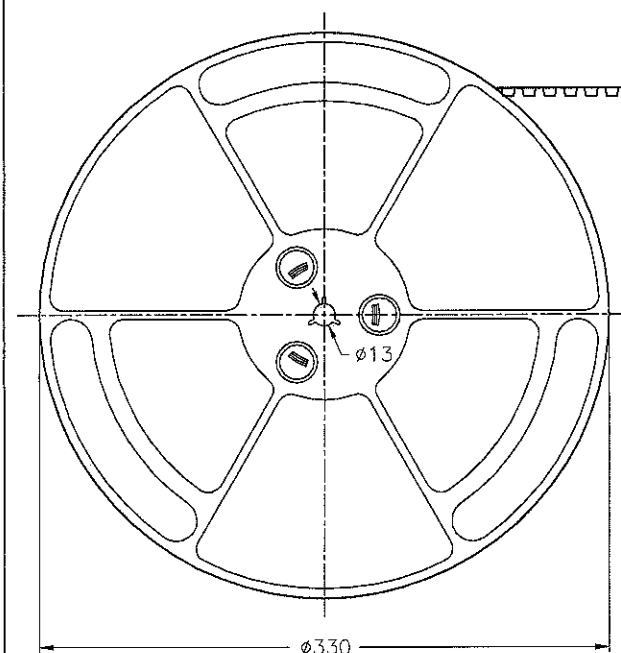
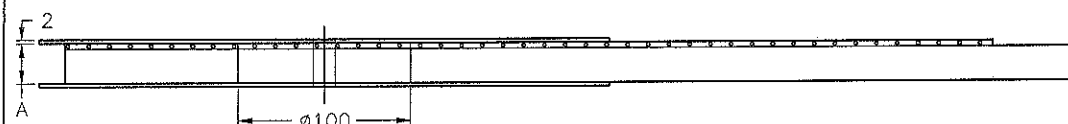


TITLE 0.5mm Pitch FPC/FFC Connector

DWG NO. BL122AH-xxR-xxxx

HF EMBOSSED TAPE PACKING BL122AH SERIES RIGHT ANGLE TYPE

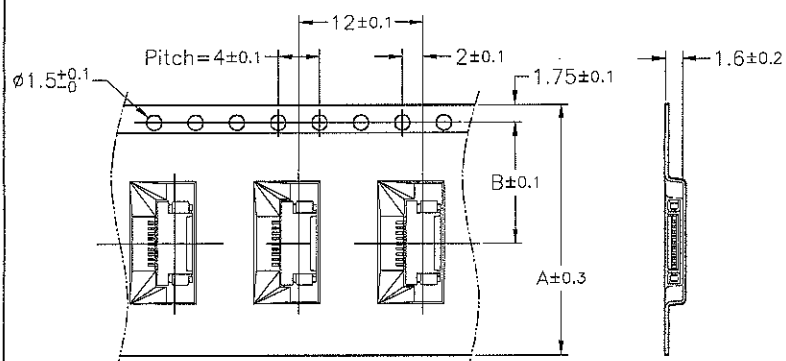
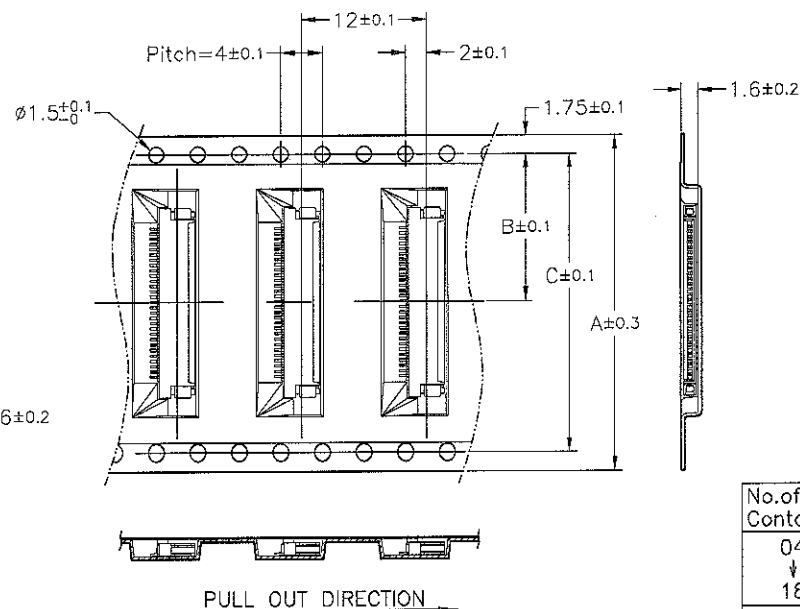
REV.	ECO NO.	DATE	SIGN	DESCRIPTION
A	-	20181101	Elven	Release



PULL OUT DIRECTION

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 ± 0.05 mm.
5. Component load per 13" reel : 3000 pcs.
6. For tape width (dimension A) 16mm and 24mm a pilot hole is provided on one side. For tape width (dimension A) 32mm and 44mm pilot holes are provided on both sides.



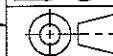
PULL OUT DIRECTION

No. of Contacts	Part Number	DIM. A	DIM. B	DIM. C
04	BL122AH-04R-TAxx	24	11.5	—
18	BL122AH-18R-TAxx	32	14.2	28.4
29	BL122AH-29R-TAxx	44	20.2	40.4
30	BL122AH-30R-TAxx			
50	BL122AH-50R-TAxx			

TOLERANCE UNLESS SPECIFIED	SHEET 3/4	DR. BY	王德仁	MATERIAL
LINEAR	SCALE	CHK. BY	詹文耀	FINISH
XX XX	UNIT mm	APP. BY	詹文耀	PART NO.
XXXXX				

SCG

GUANGDONG SUNCAGEY ELECTRONIC TECH. CO., LTD.



TITLE 0.5mm Pitch FPC/FFC Connector
DWG NO. BL122AH-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)

氣泡袋
BUBBLE BAG
(6)

TAPE & REEL
(5)

No. of Contacts	(1)外箱	(2)紙板	(3)三角 隔板	(4)塑膠袋	(5)捲帶	(6)氣泡袋
04 ↓ 18	1	2	4	1	7	7
19 ↓ 29					6	6
30 ↓ 50					5	5

TOLERANCE UNLESS SPECIFIED		SHEET 4/4	DR. BY 王德仁	MATERIAL
LINEAR	ANGLE			
XX XX	X° XX	SCALE	CHK. BY 詹文耀	FINISH
XX XX	X° XX	UNIT mm	APP. BY 詹文耀	PART NO.
XXXXX	XX° XX			

SCG GUANGDONG SUNCAGEY ELECTRONIC TECH. CO., LTD.	
TITLE	0.5mm Pitch FPC/FFC Connector
DWG NO.	BL122AH--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]