

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.:

BL123 H- xx R - xx xx

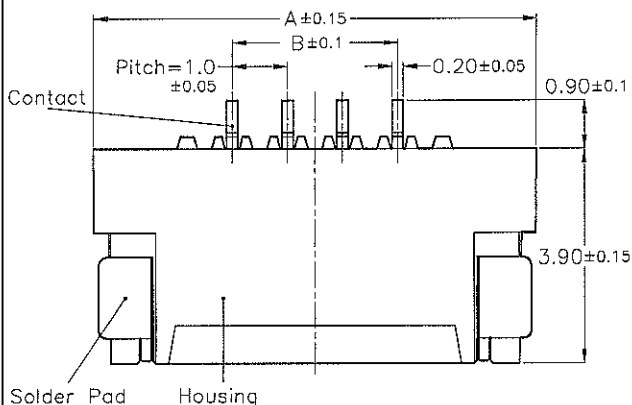
ND-TIN (LEAD FREE) OVER NICKEL
GF-1U"~3U" GOLD FLASH OVER NICKEL

SERIES

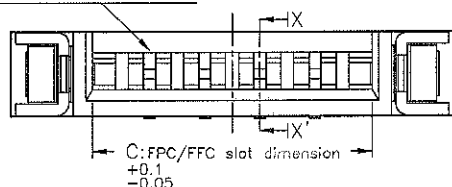
PACKAGING
TA-EMBOSSED TAPE
TU-TUBE
RIGHT ANGLE(DUAL CONTACT TYPE)
NO. OF CONTACTS
HALOGEN FREE

4.RATING:

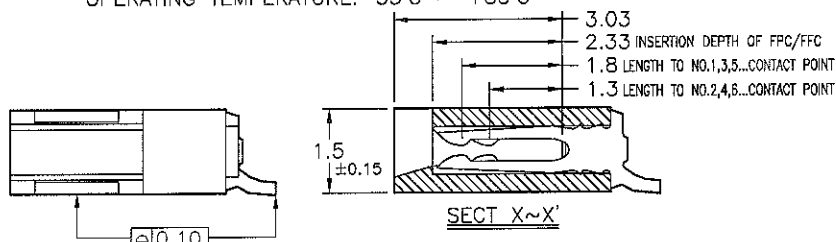
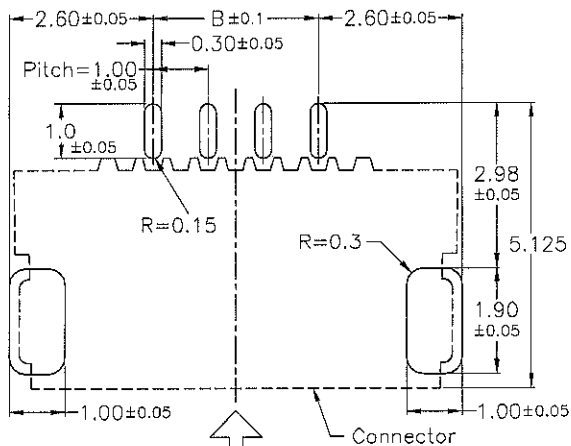
OPERATING VOLTAGE:50V
CURRENT RATING:0.5A
OPERATING TEMPERATURE:-55°C ~ +85°C



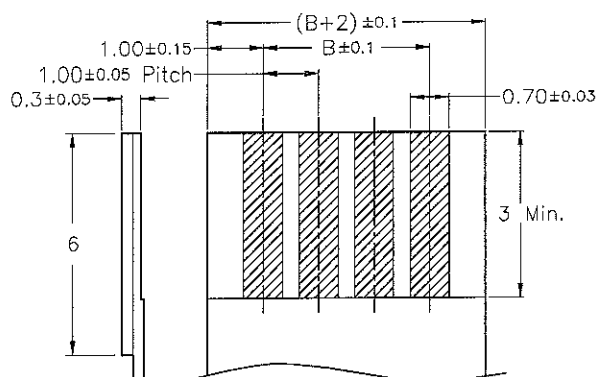
No.1 Contact Point



PCB Layout



Applicable FPC



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

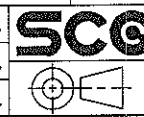
No. of Contacts	Part Number	DIM. A	DIM. B	DIM. C
04	BL123H- 4R	8.03	3	5.07
05	BL123H- 5R	9.03	4	6.07
06	BL123H- 6R	10.03	5	7.07
07	BL123H- 7R	11.03	6	8.07
08	BL123H- 8R	12.03	7	9.07
09	BL123H- 9R	13.03	8	10.07
10	BL123H-10R	14.03	9	11.07
11	BL123H-11R	15.03	10	12.07
12	BL123H-12R	16.03	11	13.07
13	BL123H-13R	17.03	12	14.07
14	BL123H-14R	18.03	13	15.07
15	BL123H-15R	19.03	14	16.07
16	BL123H-16R	20.03	15	17.07
17	BL123H-17R	21.03	16	18.07
18	BL123H-18R	22.03	17	19.07
19	BL123H-19R	23.03	18	20.07
20	BL123H-20R	24.03	19	21.07
21	BL123H-21R	25.03	20	22.07
22	BL123H-22R	26.03	21	23.07
23	BL123H-23R	27.03	22	24.07
24	BL123H-24R	28.03	23	25.07
25	BL123H-25R	29.03	24	26.07
26	BL123H-26R	30.03	25	27.07
27	BL123H-27R	31.03	26	28.07
28	BL123H-28R	32.03	27	29.07
29	BL123H-29R	33.03	28	30.07
30	BL123H-30R	34.03	29	31.07

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

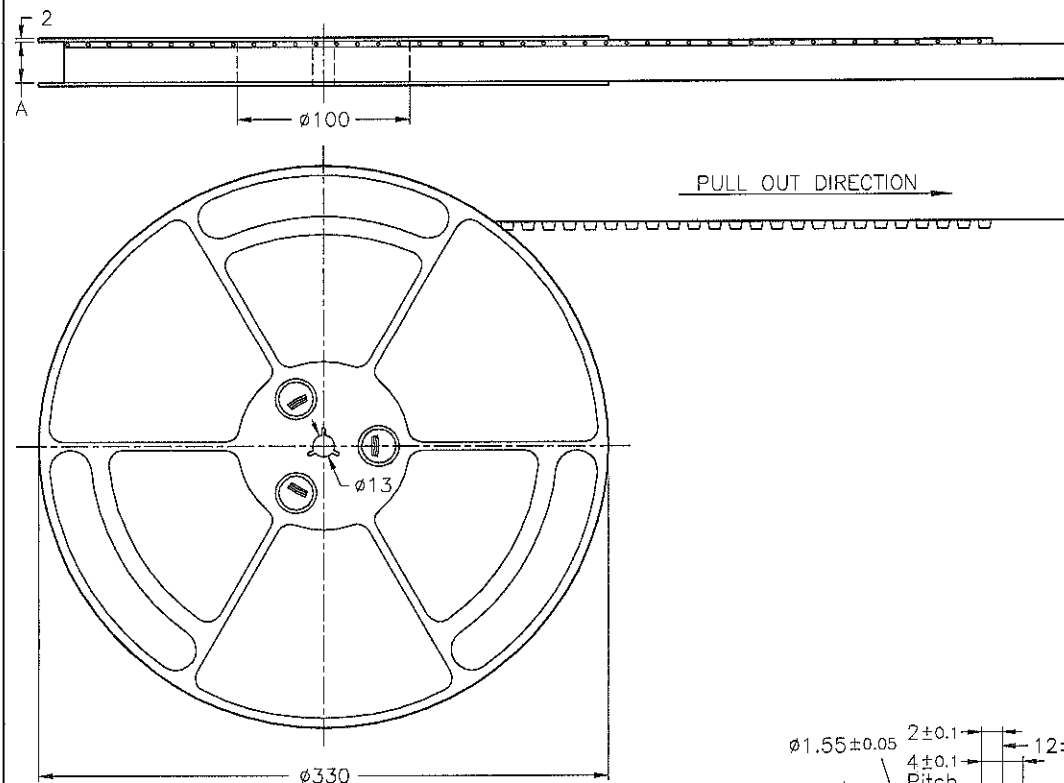
MATERIAL See Note 1.
FINISH See Note 2.
PART NO. See Note 3.



GUANGDONG SUNCAGEY ELECTRONIC TECH. CO., LTD.
TITLE 1.0mm Pitch FPC/FFC Connector
DWG NO. BL123H-xxR-xxxx

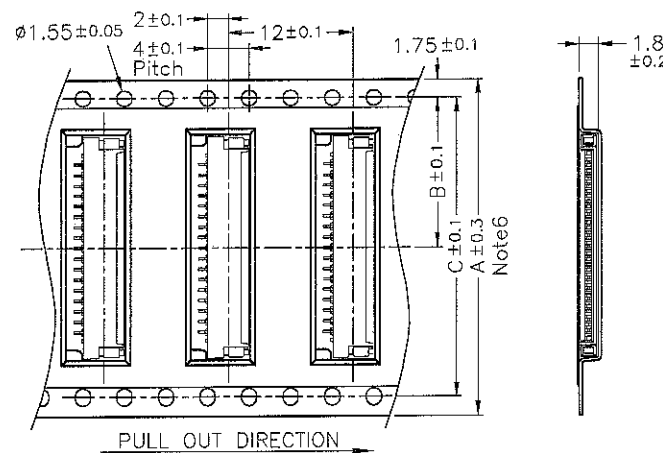
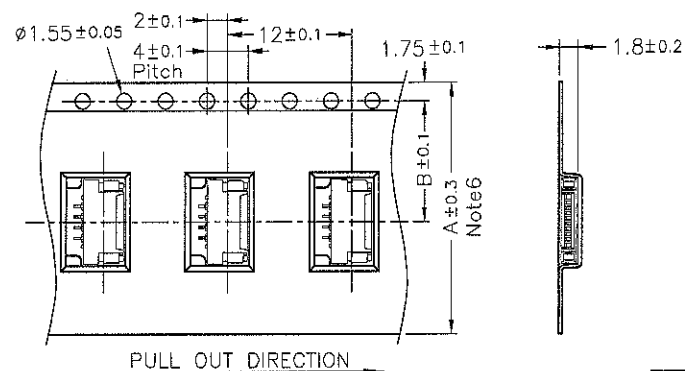
HF EMBOSSED TAPE PACKING BL123H SERIES RIGHT ANGLE TYPE

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.



Note6				
No. of Contacts	Part Number	DIM. A	DIM. B	DIM. C
4	BL123H-04R	16	7.5	—
5 ↓ 12	BL123H-05R ↓ BL123H-12R	24	11.5	—
13 ↓ 16	BL123H-13R ↓ BL123H-16R	32	14.2	28.4
17 ↓ 27	BL123H-17R ↓ BL123H-27R	44	20.2	40.4
28 ↓ 30	BL123H-28R ↓ BL123H-30R	56	26.2	52.4

TOLERANCE UNLESS SPECIFIED		SHEET 2/3	DR. BY 王億仁	MATERIAL See Note 3.	SCG	GUANGDONG SUNCAGEY ELECTRONIC TECH. CO., LTD.
LINEAR	ANGLE					
X XX	X XX	SCALE	CHK. BY 詹文耀	FINISH	TITLE 1.0mm Pitch FPC/FFC Connector	DWG NO. BL123H-xxR-xxxx
XX XX	X XX	UNIT mm	APP. BY 詹文耀	PART NO.		
XXXXX	XX XX					

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) 紙箱	(3) 三角隔板	(4) 塑膠袋	(5) 塑膠圓盤	(6) 氣泡袋
4	1	2	4	1	9	9
5~12	1	2	4	1	7	7
13~16	1	2	4	1	6	6
17~27	1	2	4	1	5	5
28~30	1	2	4	1	4	4

TOLERANCE UNLESS SPECIFIED		SHEET 3/3	DR. BY 王億仁	MATERIAL
LINEAR	ANGLE			
X 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 1.0mm Pitch FPC/FFC Connector

DWG NO. BL123H-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]