

HF

NOTE:

1. MATERIAL:

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

2. PLATING:

CONTACTS: SEE ORDERING INFORMATION
SOLDER PAD: SEE ORDERING INFORMATION

3. PART NO.:

BL117

H - xx RL - xx xx

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

PACKAGING

TA-EMBOSSD TAPE

TU-TUBE

RIGHT ANGLE

(LOWER CONTACT TYPE)

NO. OF CONTACTS

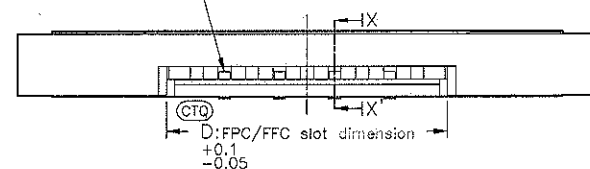
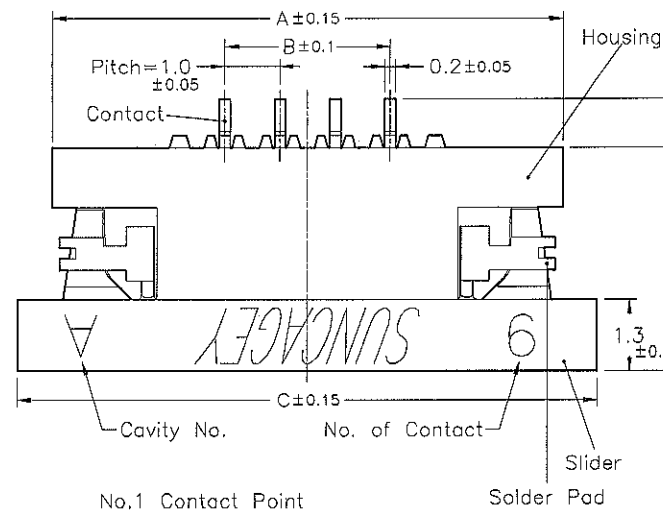
HALOGEN FREE

4. RATING:

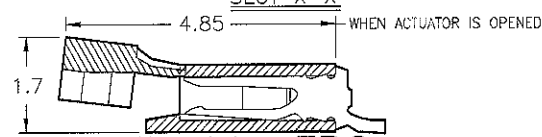
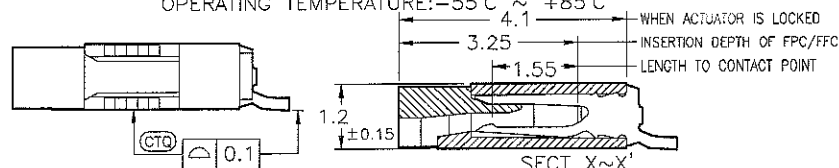
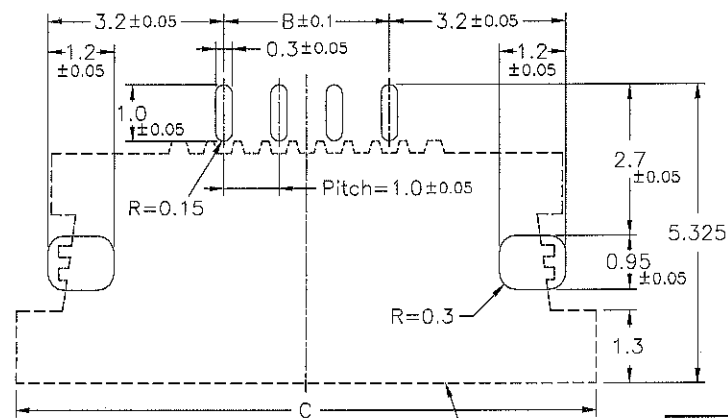
OPERATING VOLTAGE: 50V

CURRENT RATING: 0.5A

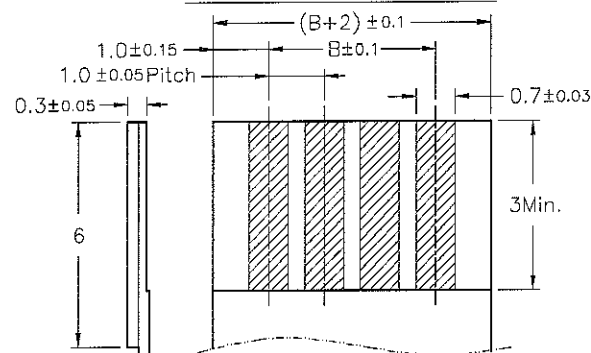
OPERATING TEMPERATURE: -55°C ~ +85°C



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	DIM. D
4	BL117H-04RL	9.25	3	10.5	5.1
5	BL117H-05RL	10.25	4	11.5	6.1
6	BL117H-06RL	11.25	5	12.5	7.1
7	BL117H-07RL	12.25	6	13.5	8.1
8	BL117H-08RL	13.25	7	14.5	9.1
9	BL117H-09RL	14.25	8	15.5	10.1
10	BL117H-10RL	15.25	9	16.5	11.1
11	BL117H-11RL	16.25	10	17.5	12.1
12	BL117H-12RL	17.25	11	18.5	13.1
13	BL117H-13RL	18.25	12	19.5	14.1
14	BL117H-14RL	19.25	13	20.5	15.1
15	BL117H-15RL	20.25	14	21.5	16.1
16	BL117H-16RL	21.25	15	22.5	17.1
17	BL117H-17RL	22.25	16	23.5	18.1
18	BL117H-18RL	23.25	17	24.5	19.1
19	BL117H-19RL	24.25	18	25.5	20.1
20	BL117H-20RL	25.25	19	26.5	21.1
21	BL117H-21RL	26.25	20	27.5	22.1
22	BL117H-22RL	27.25	21	28.5	23.1
23	BL117H-23RL	28.25	22	29.5	24.1
24	BL117H-24RL	29.25	23	30.5	25.1

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

SHEET 1/3
SCALE 8/1
UNIT mm

DR. BY
CHK. BY
APP. BY

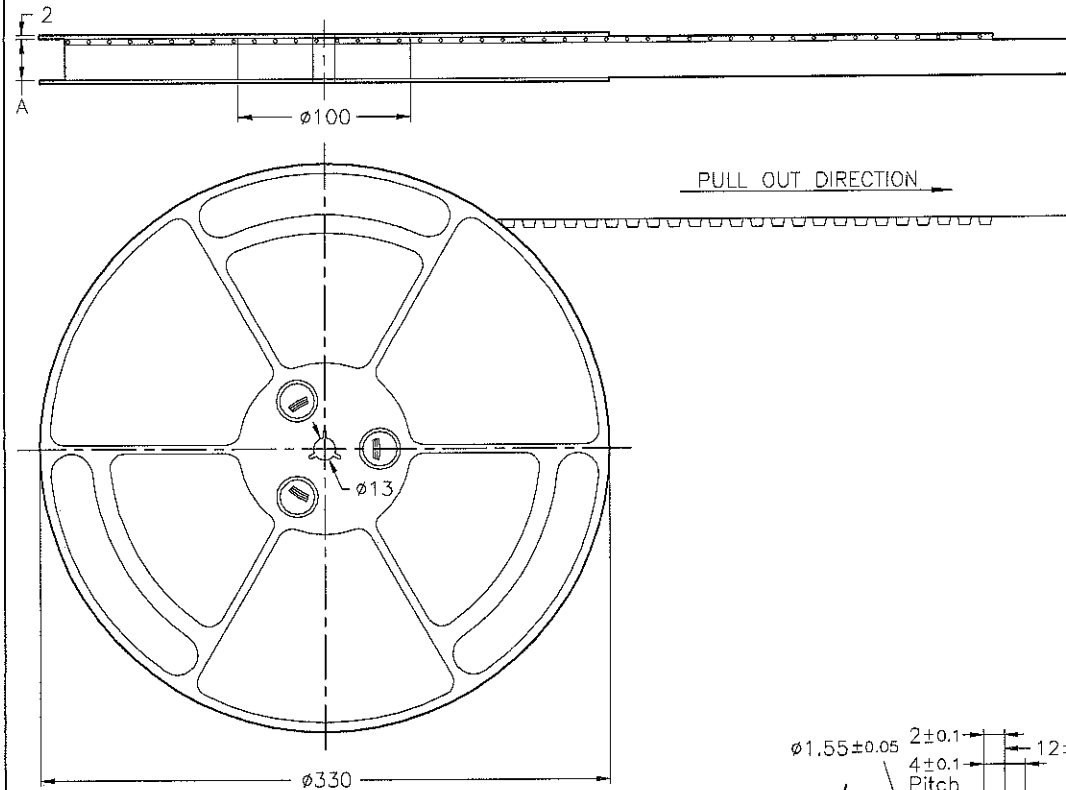
王億仁
詹文耀
詹文耀

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

SCG GUANGDONG SUNCAGEY ELECTRONIC TECH. CO., LTD.	
TITLE	1.0mm Pitch FPC/FFC Connector
DWG NO.	BL117H-xxRL-xxxx

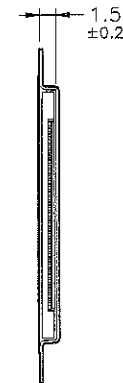
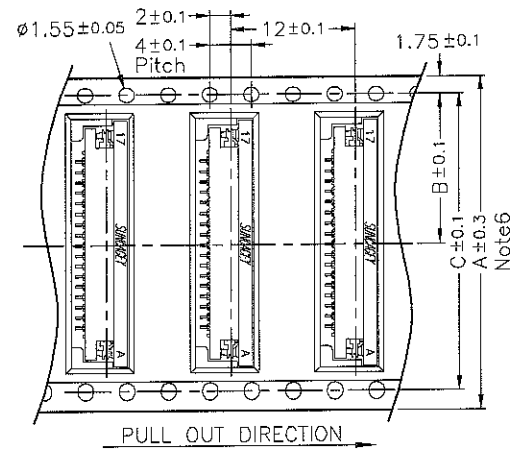
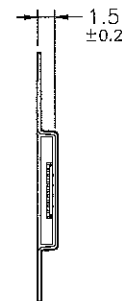
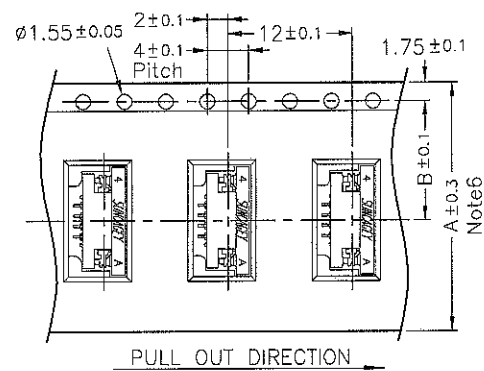
HF EMBOSSED TAPE PACKING BL117H SERIES RIGHT ANGLE TYPE

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 100mm.
3. Material : Black Conductive Polystyrene Alloy
100% recyclable.
4. Thickness : 0.3 ± 0.05 mm.
5. Component load per 13" reel : 3000 pcs.
6. For tape width (dimension A) 24mm a pilot hole is provided on one side.
For tape width (dimension A) 32mm and 44mm pilot holes are provided on both sides.



Note6				
No. of Contacts	Part Number	DIM. A	DIM. B	DIM. C
4	BL117H-04RL	24	11.5	—
10	BL117H-10RL			
11	BL117H-11RL	32	14.2	28.4
16	BL117H-16RL			
17	BL117H-17RL	44	20.2	40.4
24	BL117H-24RL			

TOLERANCE UNLESS SPECIFIED		SHEET 2/3	DR. BY 王億仁	MATERIAL See Note 1.
LINEAR	ANGLE			
X XX	X XX	SCALE	CHK. BY 詹文耀	FINISH See Note 2.
.XX XX	.X XX			
XXX XX	.XX XX	UNIT mm	APP. BY 詹文耀	PART NO. See Note 3.

SCG GUANGDONG SUNCAGEY ELECTRONIC TECH. CO., LTD.		
	TITLE	1.0mm Pitch FPC/FFC Connector
	DWG NO.	BL117H-xxRL-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)

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.
.XXXX	.XX° XX			

TAPE & REEL
(5)

氣泡袋

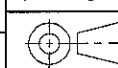
BUBBLE BAG

(6)

No. of Contacts	(1) 外箱	(2) 紙板	(3) 三角隔板	(4) 塑膠袋	(5) 塑膠袋	(6) 氣泡袋
04 ↓ 10	1	2	4	1	7	7
11 ↓ 16					6	6
17 ↓ 24					5	5

SCG

GUANGDONG SUNCAGEY ELECTRONIC TECH. CO., LTD.



TITLE

1.0mm Pitch FPC/FFC Connector

DWG NO.

BL117H-xxRL-xxxx