

SECTION A-A
SCALE 1:1

Note:

1. Material:

- 1.1 Housing: thermoplastic high temp.UL94V-0; Color: Black.
- 1.2 Terminal: copper alloy.
- 1.3 Fitting Nail: copper alloy.

2. Finish:

- 2.1 Terminal:
Underplating: Au/matt Tin overall.
- 2.2 Fitting Nail:
Underplating: matt Tin overall.

3. Product must comply HF RoHS specification.

4. Product No:

AFA31-S
CKTS

CONTACTS TYPE

E:Upper

F:Lower

PLATING

1:Gold flash 1u"

2:Gold flash 2u"

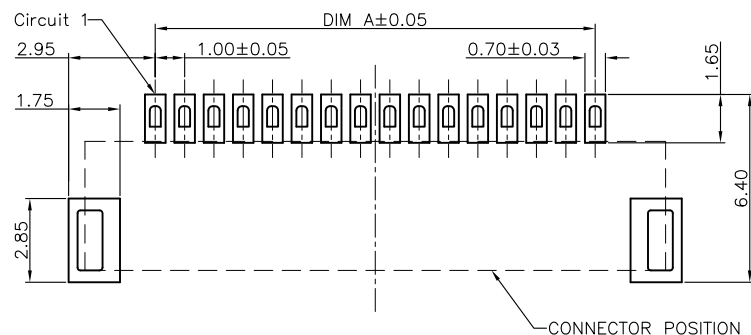
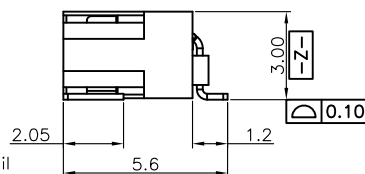
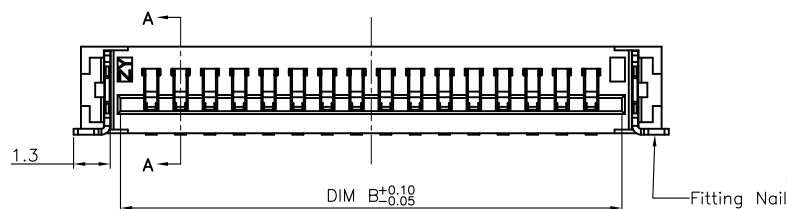
3:Gold flash 3u"

B:Bright-Tin 90-120u"

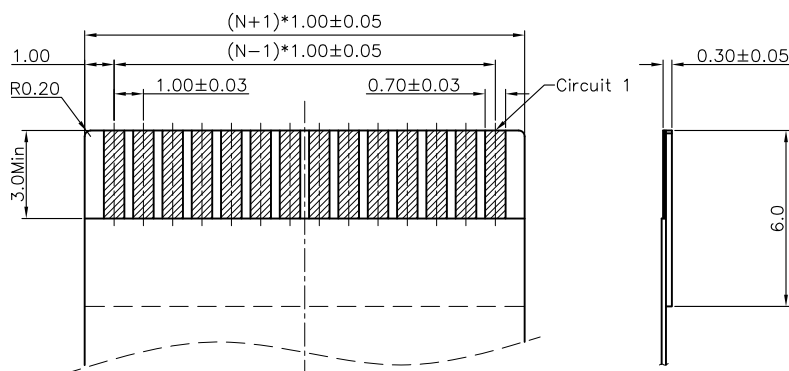
C:Matt-Tin 90-120u"

REMARKS
HF:Halogen free
HP:For HP spec

PACKING
A:Tape&Reel
C:Tube



RECOMMENDED P.C.B PATTERN LAYOUT



RECOMMENDED FPC/FFC DIMENSION

CKTS	DIM A	DIM B	DIM C	DIM D
4	3.00	5.10	7.80	8.30
5	4.00	6.10	8.80	9.30
6	5.00	7.10	9.80	10.30
7	6.00	8.10	10.80	11.30
8	7.00	9.10	11.80	12.30
9	8.00	10.10	12.80	13.30
10	9.00	11.10	13.80	14.30
11	10.00	12.10	14.80	15.30
12	11.00	13.10	15.80	16.30
13	12.00	14.10	16.80	17.30
14	13.00	15.10	17.80	18.30
15	14.00	16.10	18.80	19.30
16	15.00	17.10	19.80	20.30
17	16.00	18.10	20.80	21.30
18	17.00	19.10	21.80	22.30
19	18.00	20.10	22.80	23.30
20	19.00	21.10	23.80	24.30
21	20.00	22.10	24.80	25.30
22	21.00	23.10	25.80	26.30
23	22.00	24.10	26.80	27.30
24	23.00	25.10	27.80	28.30
25	24.00	26.10	28.80	29.30
26	25.00	27.10	29.80	30.30
27	26.00	28.10	30.80	31.30
28	27.00	29.10	31.80	32.30
29	28.00	30.10	32.80	33.30
30	29.00	31.10	33.80	34.30

CUSTOMER DRAWING

Tolerance Unspecified (未注公差)	Size(图幅): A4
0.0 ±0.15 0° ±5°	Unit(单位): MM
0.00 ±0.10 0° ±3°	Scale(比例): 1:1
0.000 ±0.05 0° ±1°	Project View (投影视角)
	Page(页数): 1 OF 1
	Rev(版本): B

深圳市钜硕电子有限公司
SHENZHEN JUSHUO ELECTRONIC CO.,LTD

Product Name(产品名称):
1.0Pitch H=3.0 FPC Non-ZIF R/A TypeE Upper SMT CONN

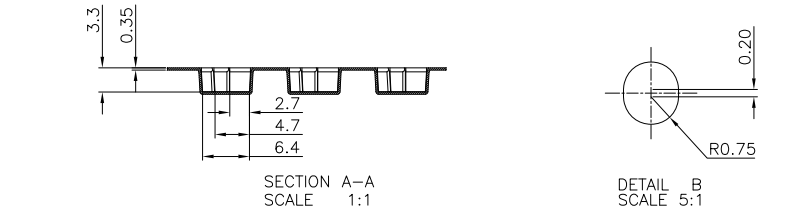
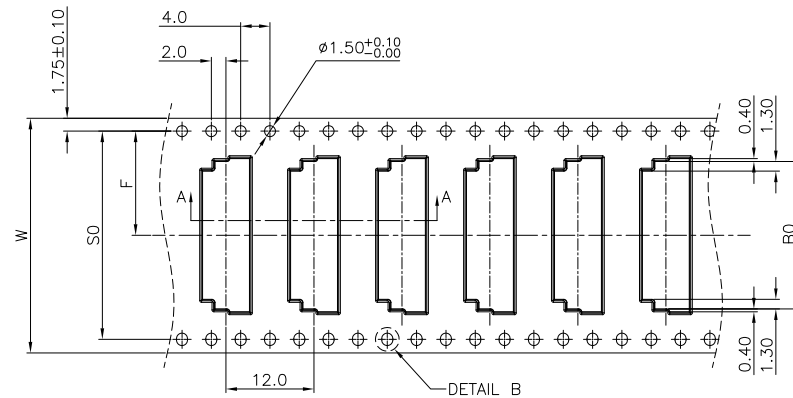
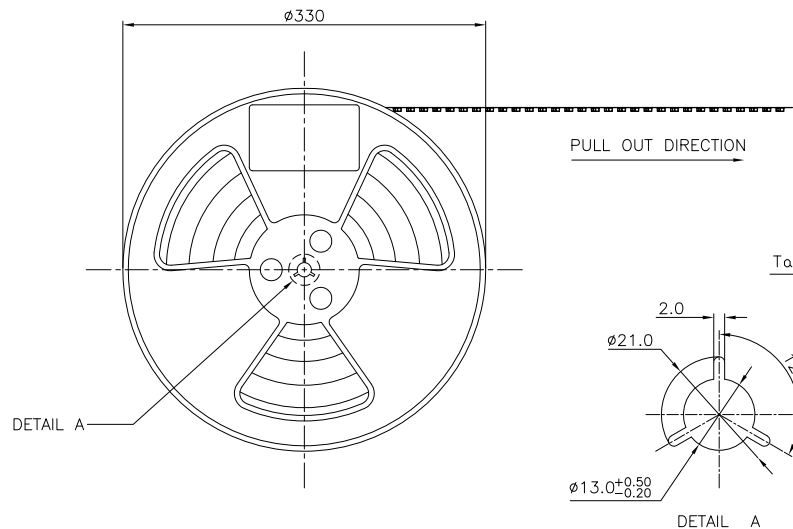
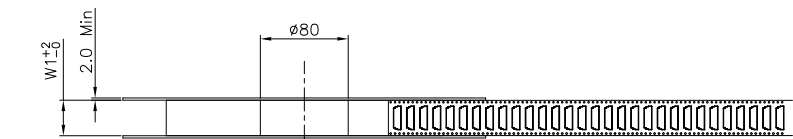
Product No(产品料号):
AFA31-S**E**-**

Designer(设计):
Allan 10/07/13

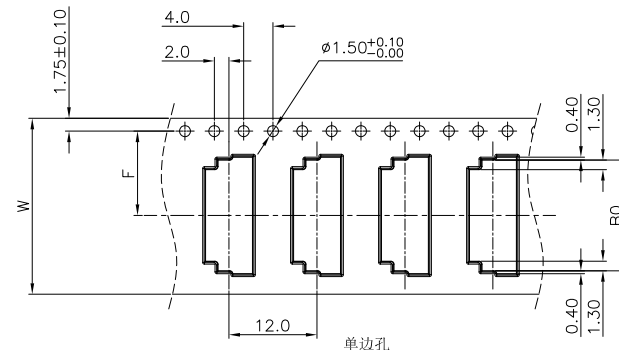
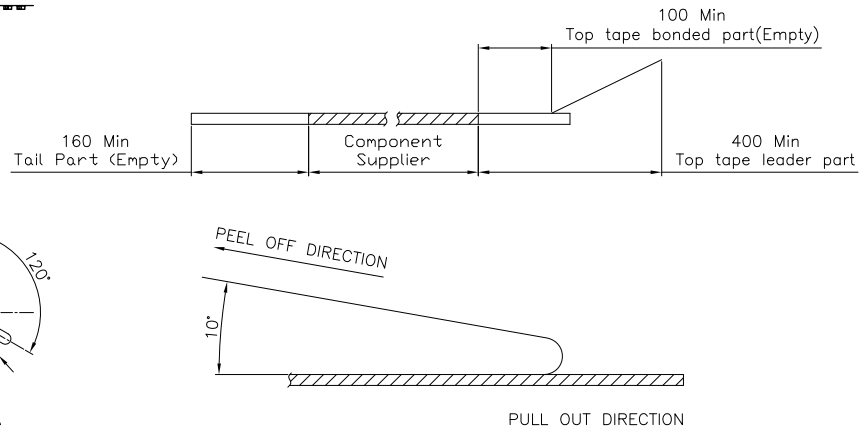
Checked(审核):

Approved(核准):

B	Change the GAP 0.05 ±0.05mm	2015/12/05	Allan
A	Original Issue	2013/10/07	Allan
Rev 版本	Change Description 变更内容	Date 日期	Revisor 制/修订人



- NOTES:
1. 10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE.±0.20mm
 2. CARRIER CAMBER NOT TO EXCEED 1mm IN 250mm.
 3. ALL DIMENSIONS MEET EIA-481-C REQUIREMENTS.
 4. MATERIAL: BLACK ANTI-STATIC POLYSTYRENE.
 5. THICKNESS: 0.50 ± 0.05 mm.
 6. PACKING LENGTH PER 13" REEL : 18.60METRES.
 7. COMPONENT LOAD PER 13" REEL : 1500PCS.
 8. PEELING OFF FORCE OF TOP TAPE 0.1N~0.7N(10.2gf~71.4gf).



CKTS	B0±0.10	W	W1	F	S0±0.10
4	8.10	24±0.3/-0	24.4	11.5±0.10	单边孔
5	9.10				
6	10.10				
7	11.10				
8	12.10				
9	13.10	32±0.30	32.4	14.2±0.10	28.4
10	14.10				
11	15.10				
12	16.10				
13	17.10				
14	18.10	44±0.30	44.4	20.2±0.15	40.4
15	19.10				
16	20.10				
17	21.10				
18	22.10				
19	23.10	56±0.30	56.4	26.2±0.15	52.4
20	24.10				
21	25.10				
22	26.10				
23	27.10				
24	28.10	68±0.30	68.4	32.2±0.15	64.4
25	29.10				
26	30.10				
27	31.10				
28	32.10				
29	33.10	80±0.30	80.4	38.2±0.15	76.4
30	34.10				

CLASSIFICATION DIMENSION (尺寸类别):
FAT (首次检验): ⑤To ⑥
■"MARK IS MAJOR DIM (重点尺寸标示)
●"MARK IS CRITICAL DIM (Cpk&Cp标示)

Tolerance Unspecified (未注公差)
0.0 ±0.10 0° ±3°
0.00 ±0.05 0° 0 ±2°
0.000 ±0.02 0° 00 ±1°

Size (图幅):
A4
Unit (单位):
MM
Scale (比例):
1 : 1

Project View (投影视角):
1 OF 1
Rev (版本):
1.0

深圳市钜硕电子有限公司
SHENZHEN JUSHUO ELECTRONIC CO.,LTD

Product Name (产品名称):
1.0Pitch H=3.0 FPC 无盖卧式E型SMT型, 载带

Product No (产品料号):
AFA31-S**E***

Drawing No (图面编号):
DNE00073-1

Date (日期):
2013/11/23

Designer (设计):
Allan

Checked (审核):

Approved (核准):

1.0	初版发行	2013/11/23	Allan
Rev 版本	Change Description 变更内容	Date 日期	Revisor 制/修订人