

Note:

1. Material:

1.1 Housing: thermoplastic high temp.UL94V-0;

1.2 Latch: thermoplastic high temp.UL94V-0;

1.3 Terminal: copper alloy.

1.4 Fitting Nail: copper alloy.

2. Finish:

2.1 Terminal:

40~100u" Nickel under plating over all

1:1u" Gold on contact and Gold Flash on Solder

2:2u" Gold on contact and Gold Flash on Solder

3:3u" Gold on contact and Gold Flash on Solder

4:5u" Gold on contact and Gold Flash on Solder

K:3u" Gold on contact and Gold Flash on Solder

L:4u" Gold on contact and Gold Flash on Solder

M:5u" Gold on contact and Gold Flash on Solder

2.2 Fitting Nail:

40~100u" Nickel under plating over all

80~120u" Matte tin over all

3. Product must comply HF RoHS specification.

4. Product No:

AFC42-S

CKTS **

CONTACTS TYPE

F:Upper & Lower

PLATING

1:Gold flash 1u"

2:Gold flash 2u"

3:Gold flash 3u"

4:Gold flash 5u"

K:Gold point 3u"

L:Gold point 4u"

M:Gold point 5u"

R:Gold point 10u" On Contact area

and gold flash on solder area

PACKING

A:Tape&Reel

C:Tube

L:Tape&Reel

Heat sealing

REMARKS

HF:Halogen free

Housing White

Latch Black

1H:Halogen free

Housing Black

Latch Black

0F:Halogen free

Housing White

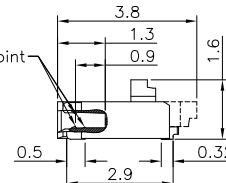
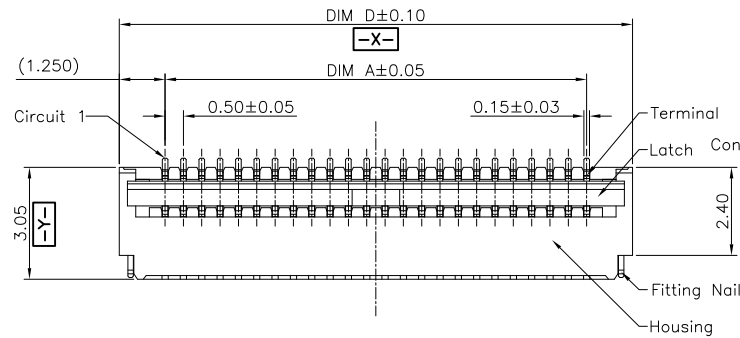
Latch Black

Without ZY

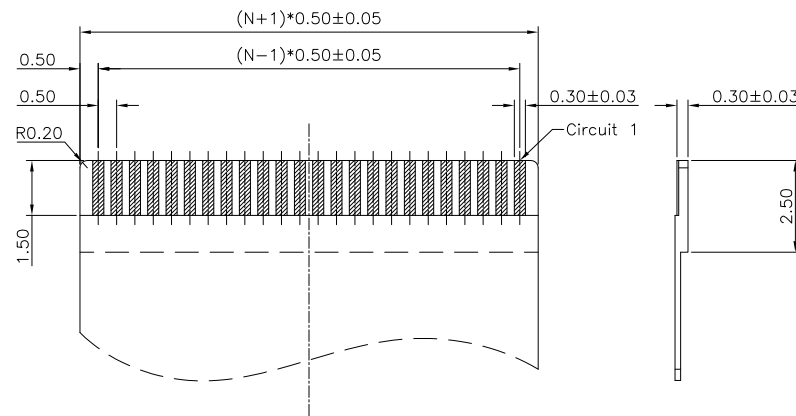
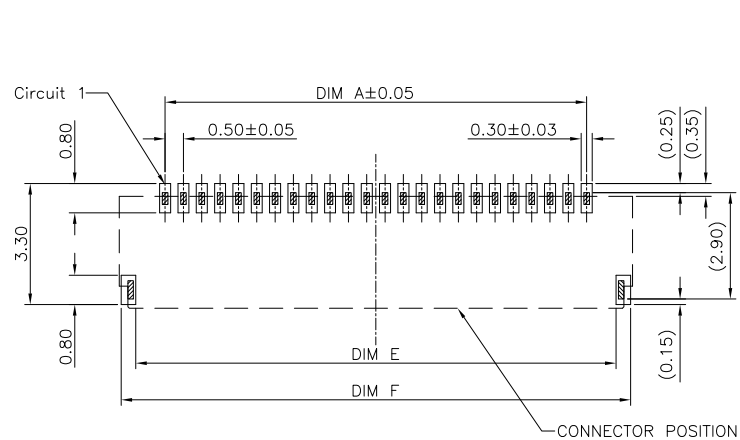
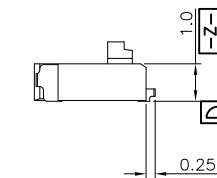
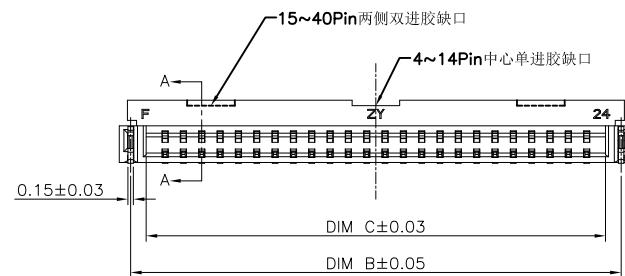
2H:Halogen free

Housing Black

Latch White

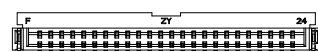


SECTION A-A
SCALE 1:1

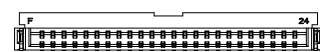


RECOMMENDED P.C.B PATTERN LAYOUT

RECOMMENDED FPC/FFC DIMENSION



With ZY



Without ZY

| | | | |
|-----|--------------------|------------|---------|
| E | 新增白底黑盖规格 | 2020/03/03 | 吴小光 |
| D | 新增黑底黑盖规格 | 2019/06/15 | 吴小光 |
| C | 新增电镀规格 | 2019/02/20 | 吴小光 |
| B | 更新进胶缺口外观说明 | 2019/01/24 | 张孝雄 |
| A | 初版发行 | 2013/11/26 | Allan |
| Rev | Change Description | Date | Revisor |
| 版本 | 变更内容 | 日期 | 制/修订人 |

| 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° | Page(页数): 1 OF 1 |
| Project View (投影视角) | Rev(版本): E |

浙江创都电子科技有限公司

Product Name(产品名称):

0.5Pitch H=1.0 FPC/FFC Back-Flip R/A Type3 SMT CONN

Product No(产品料号):

AFC42-S08F1A-00-H1.0

Designer(设计):

吴小光

Checked(审核):

Approved(核准):

| CKTS | DIM A | DIM B | DIM C | DIM D | DIM E | DIM F |
|------|-------|-------|-------|-------|-------|-------|
| 4 | 1.50 | 3.38 | 2.53 | 4.00 | 3.10 | 3.90 |
| 5 | 2.00 | 3.88 | 3.03 | 4.50 | 3.60 | 4.40 |
| 6 | 2.50 | 4.38 | 3.53 | 5.00 | 4.10 | 4.90 |
| 7 | 3.00 | 4.88 | 4.03 | 5.50 | 4.60 | 5.40 |
| 8 | 3.50 | 5.38 | 4.53 | 6.00 | 5.10 | 5.90 |
| 9 | 4.00 | 5.88 | 5.03 | 6.50 | 5.60 | 6.40 |
| 10 | 4.50 | 6.38 | 5.53 | 7.00 | 6.10 | 6.90 |
| 11 | 5.00 | 6.88 | 6.03 | 7.50 | 6.60 | 7.40 |
| 12 | 5.50 | 7.38 | 6.53 | 8.00 | 7.10 | 7.90 |
| 13 | 6.00 | 7.88 | 7.03 | 8.50 | 7.60 | 8.40 |
| 14 | 6.50 | 8.38 | 7.53 | 9.00 | 8.10 | 8.90 |
| 15 | 7.00 | 8.88 | 8.03 | 9.50 | 8.60 | 9.40 |
| 16 | 7.50 | 9.38 | 8.53 | 10.00 | 9.10 | 9.90 |
| 17 | 8.00 | 9.88 | 9.03 | 10.50 | 9.60 | 10.40 |
| 18 | 8.50 | 10.38 | 9.53 | 11.00 | 10.10 | 10.90 |
| 19 | 9.00 | 10.88 | 10.03 | 11.50 | 10.60 | 11.40 |
| 20 | 9.50 | 11.38 | 10.53 | 12.00 | 11.10 | 11.90 |
| 21 | 10.00 | 11.88 | 11.03 | 12.50 | 11.60 | 12.40 |
| 22 | 10.50 | 12.38 | 11.53 | 13.00 | 12.10 | 12.90 |
| 23 | 11.00 | 12.88 | 12.03 | 13.50 | 12.60 | 13.40 |
| 24 | 11.50 | 13.38 | 12.53 | 14.00 | 13.10 | 13.90 |
| 25 | 12.00 | 13.88 | 13.03 | 14.50 | 13.60 | 14.40 |
| 26 | 12.50 | 14.38 | 13.53 | 15.00 | 14.10 | 14.90 |
| 27 | 13.00 | 14.88 | 14.03 | 15.50 | 14.60 | 15.40 |
| 28 | 13.50 | 15.38 | 14.53 | 16.00 | 15.10 | 15.90 |
| 29 | 14.00 | 15.88 | 15.03 | 16.50 | 15.60 | 16.40 |
| 30 | 14.50 | 16.38 | 15.53 | 17.00 | 16.10 | 16.90 |
| 31 | 15.00 | 16.88 | 16.03 | 17.50 | 16.60 | 17.40 |
| 32 | 15.50 | 17.38 | 16.53 | 18.00 | 17.10 | 17.90 |
| 33 | 16.00 | 17.88 | 17.03 | 18.50 | 17.60 | 18.40 |
| 34 | 16.50 | 18.38 | 17.53 | 19.00 | 18.10 | 18.90 |
| 35 | 17.00 | 18.88 | 18.03 | 19.50 | 18.60 | 19.40 |
| 36 | 17.50 | 19.38 | 18.53 | 20.00 | 19.10 | 19.90 |
| 37 | 18.00 | 19.88 | 19.03 | 20.50 | 19.60 | 20.40 |
| 38 | 18.50 | 20.38 | 19.53 | 21.00 | 20.10 | 20.90 |
| 39 | 19.00 | 20.88 | 20.03 | 21.50 | 20.60 | 21.40 |
| 40 | 19.50 | 21.38 | 20.53 | 22.00 | 21.10 | 21.90 |
| 41 | 20.00 | 21.88 | 21.03 | 22.50 | 21.60 | 22.40 |
| 42 | 20.50 | 22.38 | 21.53 | 23.00 | 22.10 | 22.90 |
| 43 | 21.00 | 22.88 | 22.03 | 23.50 | 22.60 | 23.40 |
| 44 | 21.50 | 23.38 | 22.53 | 24.00 | 23.10 | 23.90 |
| 45 | 22.00 | 23.88 | 23.03 | 24.50 | 23.60 | 24.40 |
| 46 | 22.50 | 24.38 | 23.53 | 25.00 | 24.10 | 24.90 |
| 47 | 23.00 | 24.88 | 24.03 | 25.50 | 24.60 | 25.40 |
| 48 | 23.50 | 25.38 | 24.53 | 26.00 | 25.10 | 25.90 |
| 49 | 24.00 | 25.88 | 25.03 | 26.50 | 25.60 | 26.40 |
| 50 | 24.50 | 26.38 | 25.53 | 27.00 | 26.10 | 26.90 |

| | | | |
|---|--|--------------------------------------|---------------------------------------|
| CLASSIFICATION DIMENSION(尺寸类别): FAI(首次检验): ☉To☉ ■"MARK IS MAJOR DIM(重点尺寸标示) ☉"MARK IS CRITICAL DIM(Cpk&Cp标示) | | 浙江创都电子科技有限公司 | |
| Tolerance Unspecified (未注公差) 0.0 ±0.10 0° ±3° 0.00 ±0.05 0° 0' ±2° 0.000 ±0.02 0° 0' 0" ±1° | | | |
| Size(图幅): A4 Unit(单位): MM Scale(比例): 1:1 | | Product No(产品料号): EB-350XXX180-00 | |
| Project View (投影视角)  | | Drawing No(图面编号): DNE00056-1 | Date(日期): 2012/05/18 |
| Page(页数): 1 OF 1 Rev(版本): 1.0 | | Designer(设计): Allan | Checked(审核): Approved(核准): |