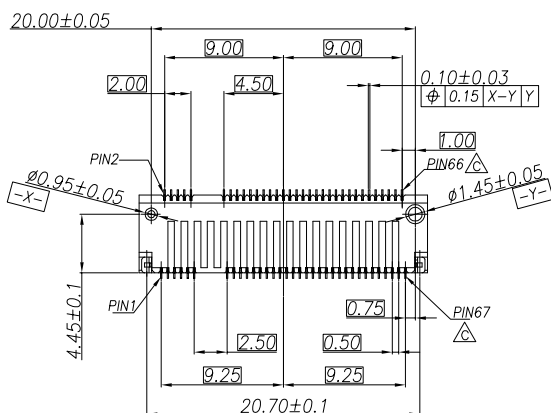
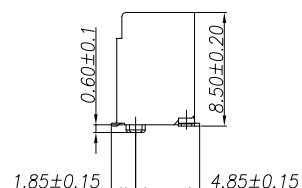
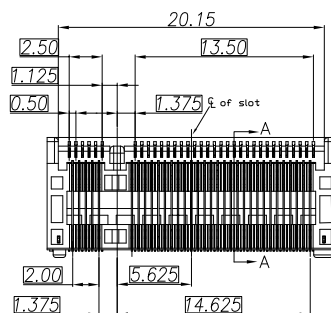
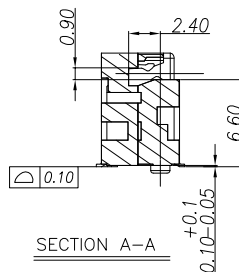
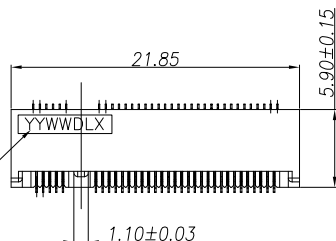


**HF**

Halogen Free

DATE CODE  
SEE NOTES 4

## NOTES:

## 1.MATERIAL:

1.1.HOUSING: LCP HIGH TEMPERATURE THERMOPLASTIC,UL94V-0,COLOR:BLACK

1.2.CONTACTS: COPPER ALLOY;

1.3.PEG: STAINLESS STEEL.

2.REFLOW SOLDER CAPABLE TO 260°C.

## 3.FINISH:

## CONTACT:

50u" MIN NICKEL UNDERPLATING OVERALL.

CONTACT AREA: GOLD PLATED (SEE TABLE)

SOLDER AREA: GOLD FLASH 1u" MIN.

## PEG:

50u" MIN. NICKEL UNDERPLATING OVERALL.

80u" MIN. MATTE-TIN PLATED ON SURFACE.

## 4. DATE CODE : YYWWDLX

YY: YEAR (09: 2009)

WW: WEEK (25: THE 25TH WEEK)

D: DAY (1~7: SUNDAY~SATURDAY)

L: LINE NUMBER OF ASSEMBLY (A: LINE A)

X: D OR N (D: DAY; N: NIGHT)

## 5.PRODUCT SPECIFICATION SEE FCI GS-12-1195

## 6.PART NO: 10128796-0 0 X R LF

LEAD FREE & RoHS COMPLIANCE  
PACKING OPTION

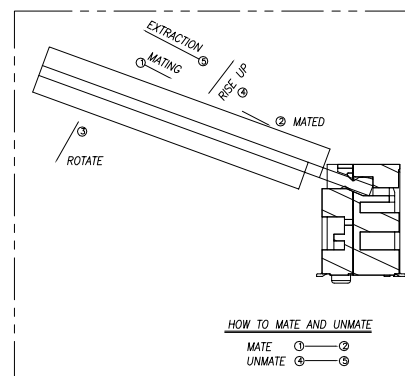
R:TAPE&amp;REEL

GOLD PLATING

1:GOLD FLASH

4:Au 15u"

5:Au 30u"



## HOW TO MATE AND UNMATE

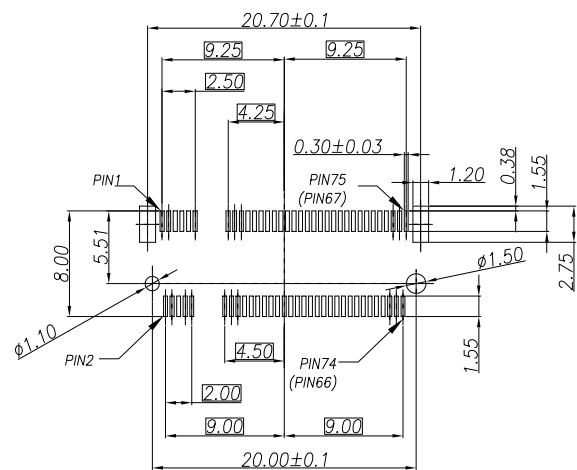
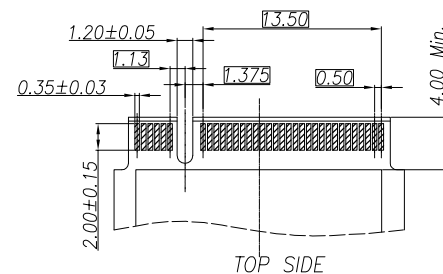
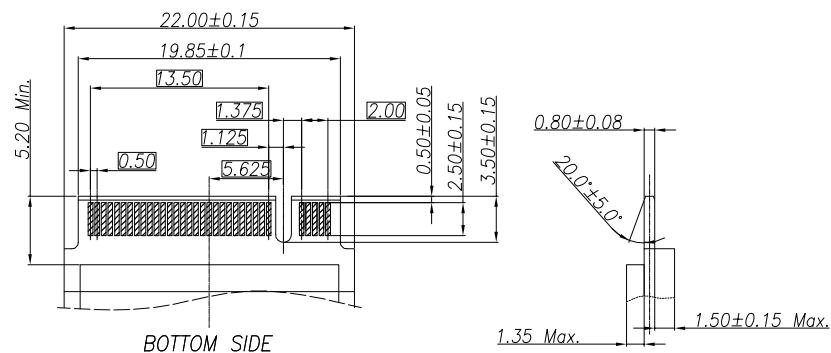
MATE  
UNMATE

|              |                 |
|--------------|-----------------|
| 30u" Au      | 10128796-005RLF |
| 15u" Au      | 10128796-004RLF |
| GOLD FLASH   | 10128796-001RLF |
| CONTACT AREA | FCI P/N         |

|             |              |         |            |                                       |            |            |                |                   |
|-------------|--------------|---------|------------|---------------------------------------|------------|------------|----------------|-------------------|
| mat'l. code | -            | surface | ✓          | tolerance                             | ASME_Y14.5 | projection | product family | -                 |
| ltr         | ecn no       | dr      | date       | tolerances unless otherwise specified |            |            | title          |                   |
| A           |              | BF      | 2013-04-18 | angles                                | .0±.0.30   | MM         | M.2_CONNECTOR  |                   |
| B           | ELX-T-19318  | TAI     | 2014-11-10 | linear                                | .00±.0.25  |            | 8.5H_STD_KEY_B |                   |
| C           | ELX-DG-24598 | ZH      | 2016-07-13 | ±2'                                   | .000±.0.10 | scale N/A  |                |                   |
|             |              |         |            | dr                                    | BEER_FU    | 2013-05-02 | dwg no         | sheet 1 of 3 size |
|             |              |         |            | enrg                                  | BEER_FU    | 2013-05-02 | 10128796       | A4                |
|             |              |         |            | chr                                   | BEER_FU    | 2013-05-02 |                |                   |
|             |              |         |            | appd                                  | PM_ZHENG   | 2013-05-02 | type           | CUSTOMER Drawing  |
| sheet index | revision     | c       | 3          |                                       |            |            |                |                   |



PLUG PCB



RECOMMENDED PCB LAYOUT

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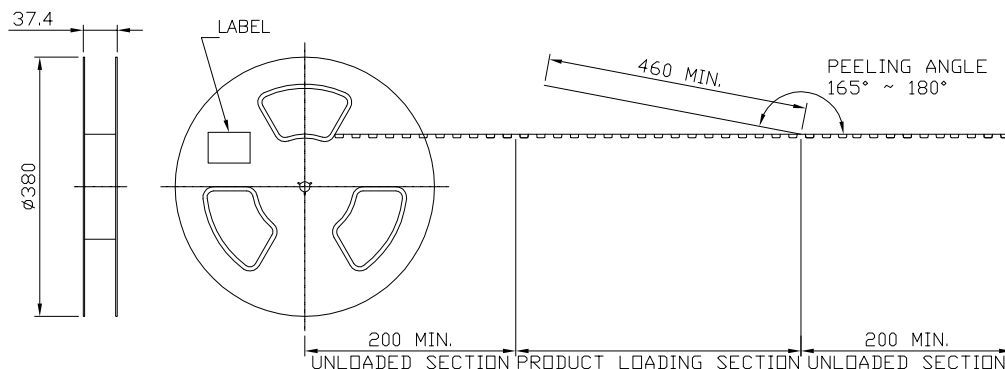
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GENERAL TOLERANCE :  $\pm 0.05\text{mm}$

|             |     |                |    |         |  |  |                                       |  |  |                     |  |  |                  |  |  |
|-------------|-----|----------------|----|---------|--|--|---------------------------------------|--|--|---------------------|--|--|------------------|--|--|
| mat'l. code |     |                |    | surface |  |  | tolerance                             |  |  | projection          |  |  | product family   |  |  |
| -           |     |                |    | - ✓     |  |  | ASME_Y14.5                            |  |  |                     |  |  | -                |  |  |
| ltr         | ecn | no             | dr | date    |  |  | tolerances unless otherwise specified |  |  | <br>MM<br>scale N/A |  |  | title            |  |  |
|             |     |                |    |         |  |  | angles                                |  |  |                     |  |  | M.2_CONNECTOR    |  |  |
|             |     |                |    |         |  |  | linear                                |  |  |                     |  |  | .0±.030          |  |  |
|             |     |                |    |         |  |  |                                       |  |  |                     |  |  | .00±.025         |  |  |
|             |     |                |    |         |  |  | ±2'                                   |  |  | .000±.010           |  |  | 7.62±.010        |  |  |
|             |     |                |    | dr      |  |  | BEER_FU                               |  |  | 2013-05-02          |  |  | dwg no           |  |  |
|             |     |                |    | enrg    |  |  | BEER_FU                               |  |  | 2013-05-02          |  |  | sheet2 of 3      |  |  |
|             |     |                |    | chr     |  |  | BEER_FU                               |  |  | 2013-05-02          |  |  | size             |  |  |
|             |     |                |    | appd    |  |  | PM_ZHENG                              |  |  | 2013-05-02          |  |  | A4               |  |  |
|             |     |                |    |         |  |  |                                       |  |  |                     |  |  | type             |  |  |
|             |     |                |    |         |  |  |                                       |  |  |                     |  |  | CUSTOMER Drawing |  |  |
| sheet index |     | revision sheet |    | c       |  |  |                                       |  |  |                     |  |  |                  |  |  |
|             |     | 3              |    |         |  |  |                                       |  |  |                     |  |  |                  |  |  |

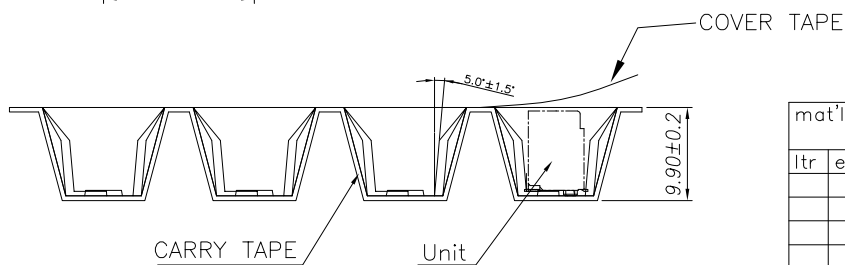
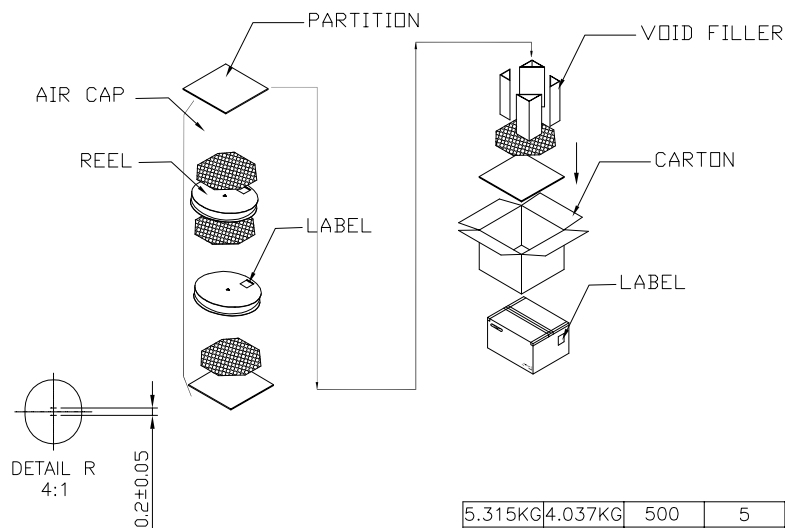
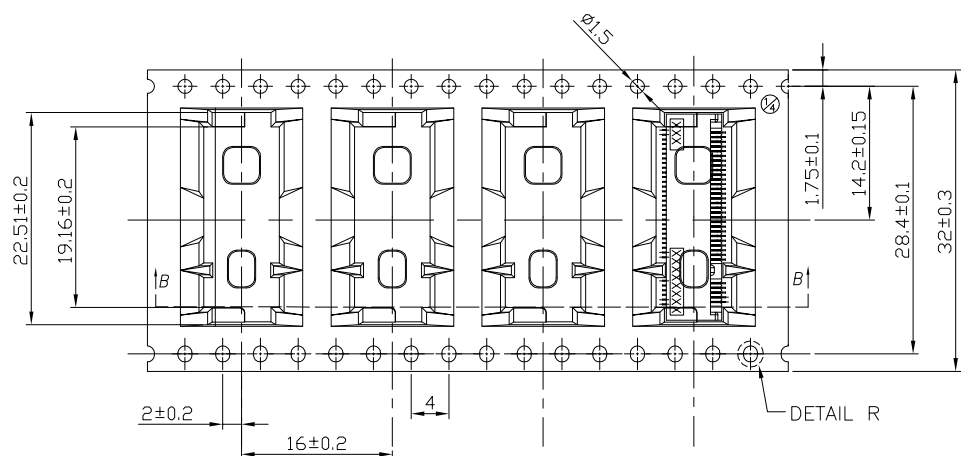
HF

Halogen Free



## NOTES :

1. MATERIAL :  
COVER TAPE : ANTISTATIC P.S T= $0.05 \pm 0.01$  ,COLOR:CLEAR  
CARRIER TAPE : ANTISTATIC P.S T= $0.40 \pm 0.10$ ,COLOR:BLACK  
REEL : PS UL94V-0  
CARTON: CORRUGATED FIBER
2. DIMENSION :  
REEL : SEE DRAWING  
SHIPPING BOX: 385X385X225mm
3. QUANTITY : SEE TABLE
4. PEELING RESISTANCE : 10gf~130gf (for 12~56mm)
5. PEELING SPEED : 300mm/MINUTES



|              |            |           |              |             |
|--------------|------------|-----------|--------------|-------------|
| 5.315KG      | 4.037KG    | 500       | 5            | 2500        |
| GROSS WEIGHT | NET WEIGHT | PCS/ REEL | REEL/ CARTON | PCS/ CARTON |

|             |          |            |            |                  |
|-------------|----------|------------|------------|------------------|
| mat'l. code | surface  | tolerance  | projection | product family   |
| -           | -        | ASME_Y14.5 | MM         | -                |
| ltr         | ecn no   | dr         | date       | title            |
|             |          |            |            | M.2_CONNECTOR    |
|             |          |            |            | 8.5H_STD_KEY_B   |
|             |          |            |            | dwg no           |
|             |          |            |            | 10128796         |
|             |          |            |            | type             |
|             |          |            |            | CUSTOMER Drawing |
| sheet index | revision | c          |            |                  |
|             | sheet    | 3          |            |                  |