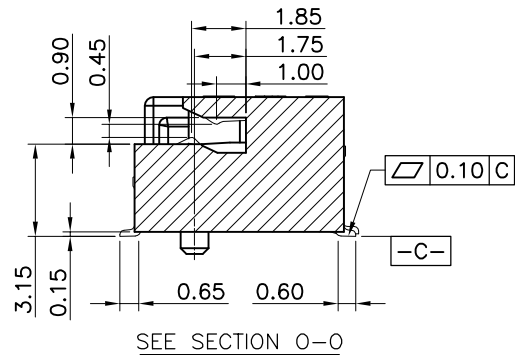
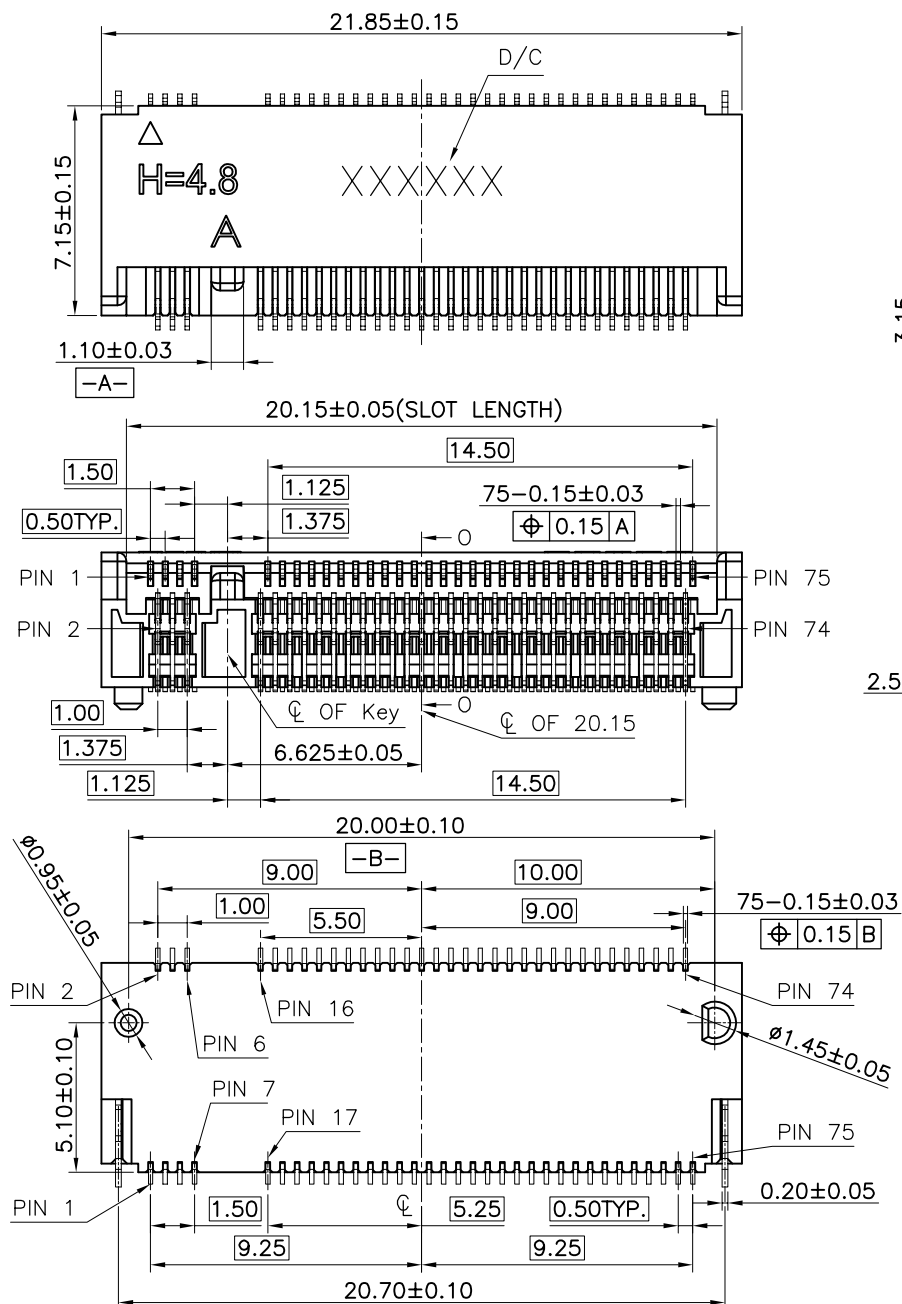




## Notes:

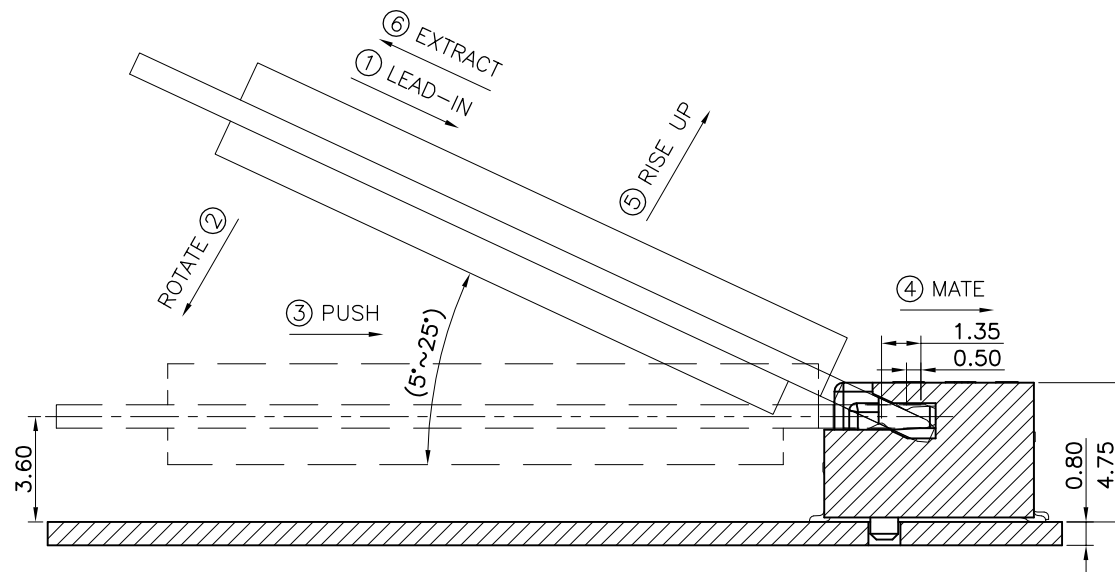
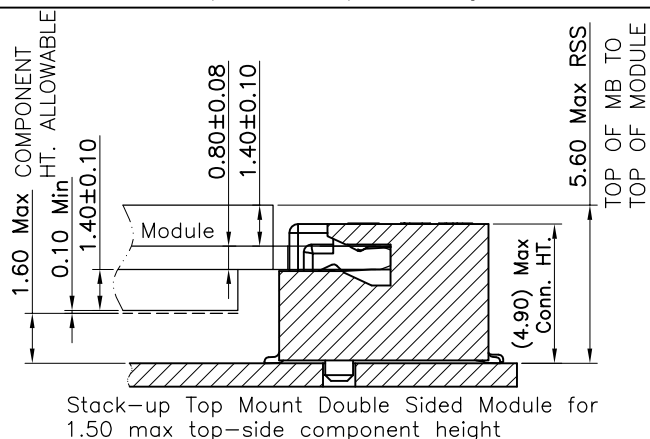
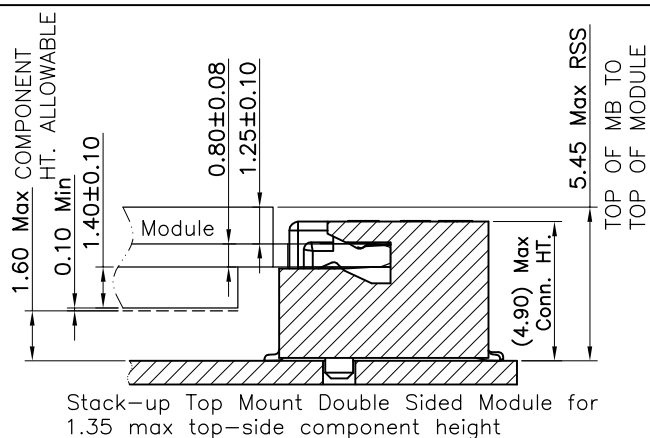
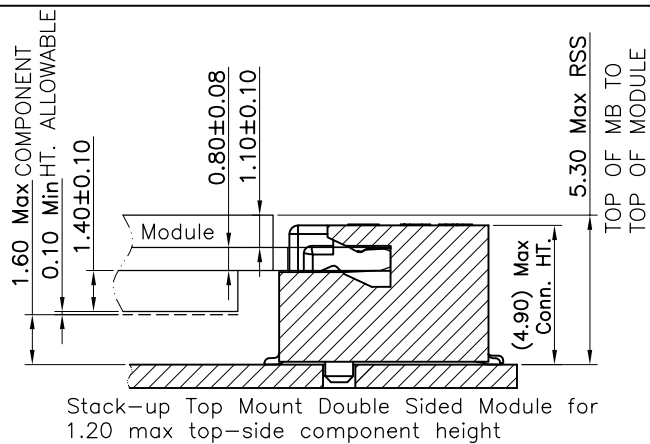
- MATERIAL SPECIFICATION:
  - HOUSING: LCP+40%GF, UL94V-0, COLOR: BLACK.
  - CONTACT: COPPER ALLOY.
  - PEG: STEEL.
- PLATING SPECIFICATION:
  - CONTACT:  $50\mu$  MIN. NICKEL UNDER PLATING OVER ALL. PLATING ON SOLDER AREA: SEE TABLE GOLD PLATING ON CONTACT AREA: SEE TABLE
  - PEG:  $50\mu$  MIN. NICKEL UNDER PLATING OVER ALL.  $80\mu$  MIN. MATTE TIN PLATING ON SOLDER AREA.
- HF COMPLIANT, RoHS COMPLIANT.
- DATE CODE: XX XX XX  
DAY  
WEEK  
YEAR
- MECHANICAL PERFORMANCE:
  - DURABILITY: SEE TABLE
- ELECTRICAL PERFORMANCE:
  - CURRENT: 0.5A PER PIN.
  - LLCR: INITIAL  $55\text{m}\Omega$  MAX.; FINAL  $\Delta\text{LLCR} = 20\text{m}\Omega$  MAX.
- IR REFLOW:  
THE TEMPERATURE SHALL BE  $260 \pm 5^\circ\text{C}$  MAINTAINING  $10 \pm 1$  SECONDS.



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|                                                                                                    |                    |                      |                                         |
|----------------------------------------------------------------------------------------------------|--------------------|----------------------|-----------------------------------------|
| TOLERANCE:<br>X.X $\pm 0.30$<br>X.XX $\pm 0.25$<br>X.XXX $\pm 0.15$<br>X' $\pm 2'$ X.X' $\pm 0.5'$ | DRAWN BY :<br>陈一鸣  | DATE :<br>2014-02-23 | PART NAME:<br>NGFF M.2 A KEY 4.8H 0.5PH |
|                                                                                                    | CHECKED BY:<br>马跃  | DATE :<br>2014-02-23 | PART NO.<br>HYCW32A-05NGFF-480B         |
| <br>UNIT: mm [inch]<br>SCALE: 1:1 SIZE: A4                                                         | APPROVED BY:<br>邱敏 | DATE :<br>2014-02-23 | MOLD NO.                                |
|                                                                                                    |                    |                      | DRAW NO:<br>HYC-2112081831              |
|                                                                                                    |                    |                      | SHEET NO.<br>1 OF 1                     |

Assembly stack height schematic diagram



## HOW TO MATE AND EXTRACT

MATE: ① → ④

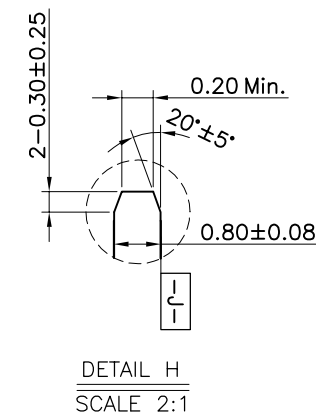
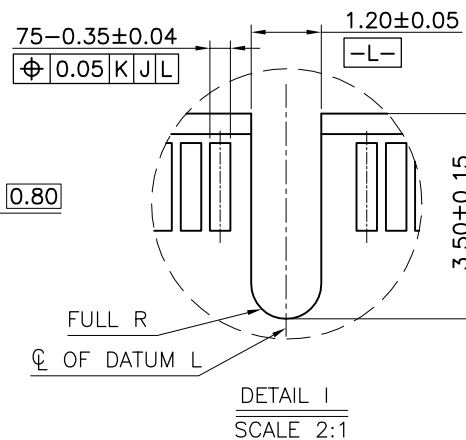
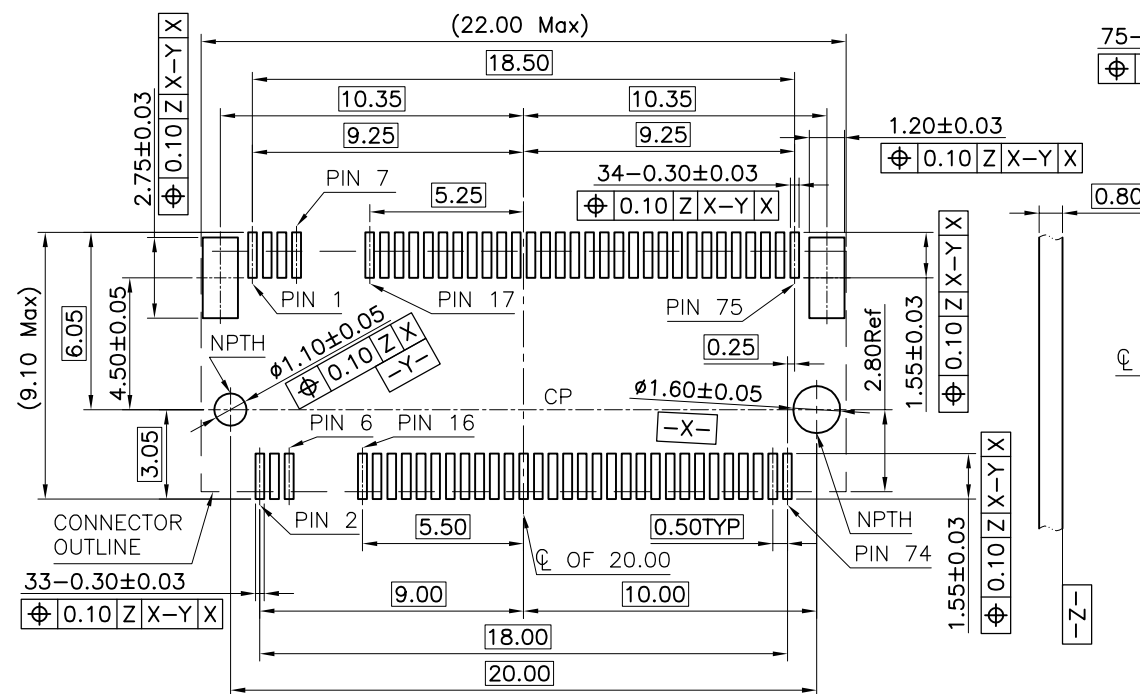
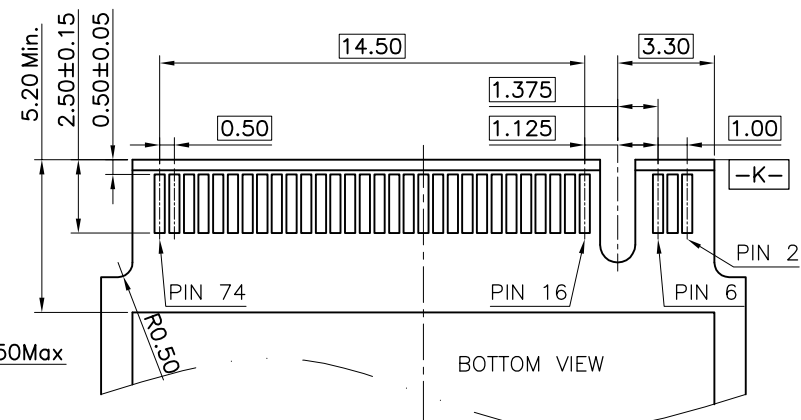
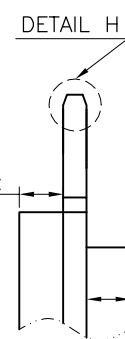
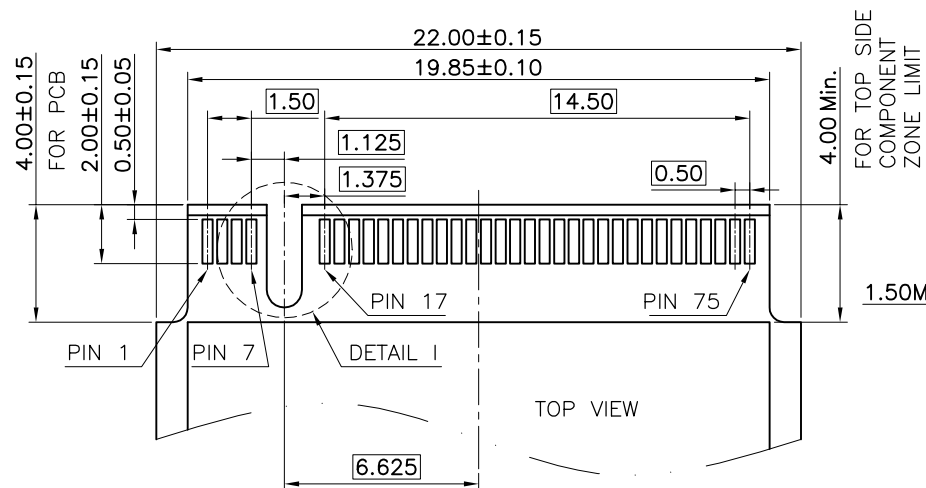
EXTRACT: ⑤ → ⑥

NOTE: Mating force will generate from step 3 to step 4.



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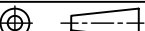
|                                                                           |                    |                      |                                         |
|---------------------------------------------------------------------------|--------------------|----------------------|-----------------------------------------|
| TOLERANCE:<br>X.X ±0.30<br>X.XX ±0.25<br>X.XXX ±0.15<br>X' ±2" X.X' ±0.5' | DRAWN BY :<br>陈一鸣  | DATE :<br>2014-02-23 | PART NAME:<br>NGFF M.2 A KEY 4.8H 0.5PH |
|                                                                           | CHECKED BY:<br>马跃  | DATE :<br>2014-02-23 | PART NO.<br>HYCW32A-05NGFF-480B         |
| <br>UNIT: mm [inch]<br>SCALE:1:1 SIZE: A4                                 | APPROVED BY:<br>邱敏 | DATE :<br>2014-02-23 | MOLD NO.                                |
|                                                                           |                    |                      | DRAW NO:<br>HYC-2112081831              |
|                                                                           |                    |                      | SHEET NO.<br>1 OF 1                     |

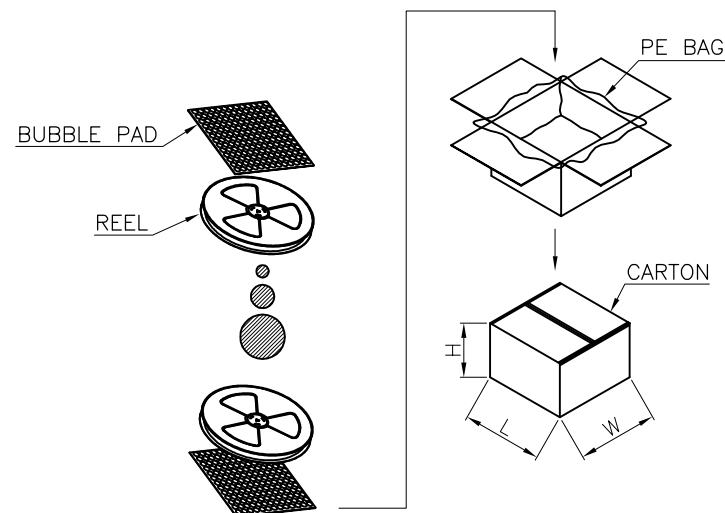
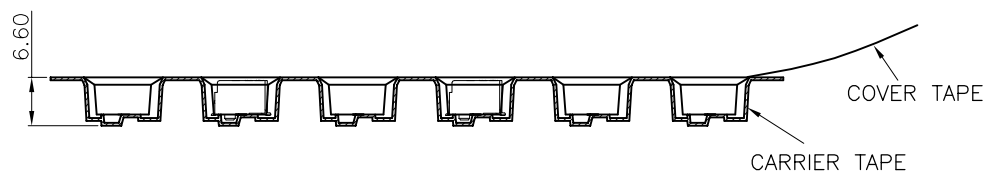
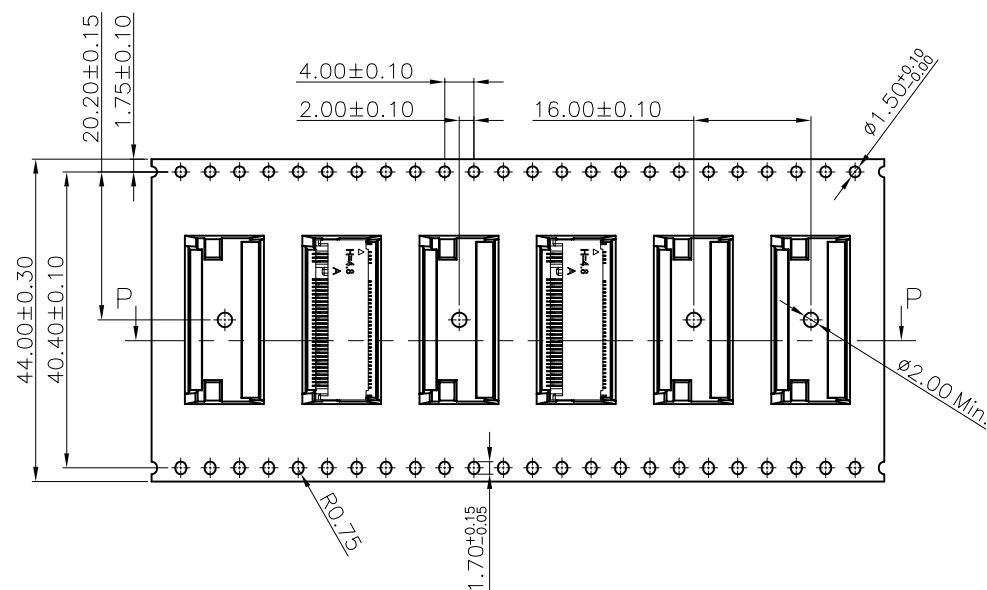
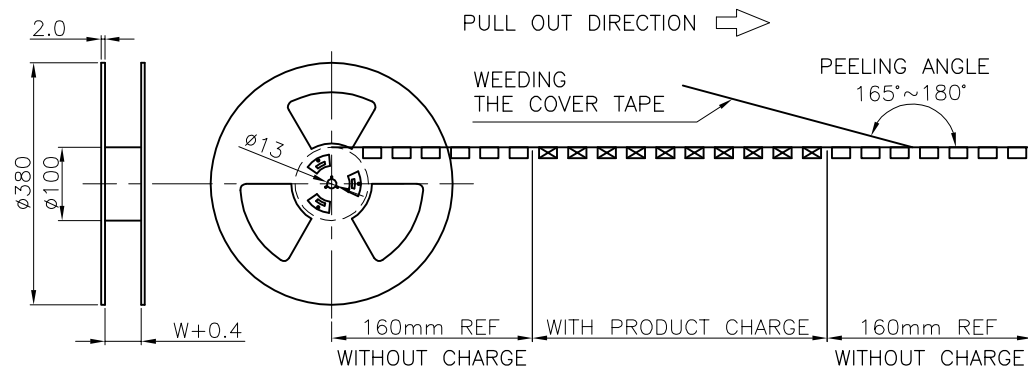


RECOMMENDED PCB LAYOUT(TOP VIEW)

---

DEFAULT TOLERANCE  $\pm 0.05\text{MM}$

|                                                                                                                            |  |                                                                                                          |  |
|----------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------|--|
|  <div> <h1>深圳市华宇创精密电子有限公司</h1> </div> |  |                                                                                                          |  |
| <b>TOLERANCE:</b><br>X.X ±0.30<br>X.XX ±0.25<br>X.XXX ±0.15<br>X.* ±2°    X.X° ±0.5°                                       |  | <b>DRAWN BY :</b> 陈一鸣 <b>DATE :</b> 2014-02-23<br><b>PART NAME:</b> NGFF M.2 A KEY 4.8H 0.5PH            |  |
| <br>UNIT: mm [inch]                   |  | <b>CHECKED BY:</b> 马跃 <b>DATE :</b> 2014-02-23<br><b>PART NO.</b> HYCW32A-05NGFF-480B<br><b>MOLD NO.</b> |  |
| <b>APPROVED BY:</b> 邱敏                                                                                                     |  | <b>DATE :</b> 2014-02-23<br><b>DRAW NO:</b> HYC-2112081831<br><b>SHEET NO.</b> 1 OF 1                    |  |



|          |            |
|----------|------------|
| 900      | 5400       |
| PCS/REEL | PCS/CARTON |



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|                                                                                                          |  |                   |                      |            |        |
|----------------------------------------------------------------------------------------------------------|--|-------------------|----------------------|------------|--------|
| TOLERANCE:                                                                                               |  | DRAWN BY :<br>陈一鸣 | DATE :<br>2014-02-23 | PART NAME: |        |
| X.X     ±0.30<br>X.XX   ±0.25<br>X.XXX ±0.15<br><br>X.* ±2*    X.* ±0.5*                                 |  |                   |                      | 包装图        |        |
| <br>UNIT: mm [inch] |  | CHECKED BY:       | DATE :               | PART NO.   |        |
|                                                                                                          |  | 马跃                | 2014-02-23           | MOLD NO.   |        |
| SCALE:1:1    SIZE: A4                                                                                    |  | APPROVED BY:      | DATE :               | DRAW NO:   |        |
|                                                                                                          |  | 邱敏                | 2014-02-23           | SHEET NO.  | 1 OF 1 |

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