

| REV. | ECN | NO | CONTENT         | DATE | ENGINEER |
|------|-----|----|-----------------|------|----------|
| A0   |     |    | Initial release | /    | SGF      |

# NOTES:

## SPECIFICATION:

- 1.CURRENT RATING: 3.0 A
- 2.VOLTAGE RATING: 3.0 V
- 3.VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX  
SHIELD: 50mΩ/MAX  
LLCR MAX. CHANGE OF ALL PINS: 10Ωm
- 4.INSULATION RESISTANCE: 100MΩ MIN
- 5.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1MINUTE
- 6.INSERTION FORCE: 0.5~2.0kgf
- 7.UNMATING FORCE: 0.8~2.0kgf
- 8.DURABILITY: 10000 CYCLES
- 9.OPERATING TEMPERATURE: -35°C~+85°C
- 10.THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 210-230°C
- 11.WATERPROOF:IP-X7.



| PIN NUMBER | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
|------------|-------------|------------|-------------|
| A1         | GND         | B12        | GND         |
| A4         | VBUS        | B9         | VBUS        |
| A5         | CC1         | B8         | SBU2        |
| A6         | DP1         | B7         | DN2         |
| A7         | DN1         | B6         | DP2         |
| A8         | SBU1        | B5         | CC2         |
| A9         | VBUS        | B4         | VBUS        |
| A12        | GND         | B1         | GND         |

| NO | PART            | Q'TY | Material                           |
|----|-----------------|------|------------------------------------|
| 1  | SHELL           | 1    | ZINC ALLOG,NI30u"Min PLATED        |
| 2  | CONTACT         | 16   | C7025,TIN80u"/Au3u"/NI30u"PLATED   |
| 3  | MID PLATE       | 1    | SUS301,NO PLATING                  |
| 4  | HOUSING         | 1    | LCP(E130i) UL94 V-0 BLACK          |
| 5  | CAP             | 1    | LCP UL94 V-0 BLACK                 |
| 6  | WATERPROOF RING | 1    | SILICONE(SI/60-65A) UL94 V-0 BLACK |

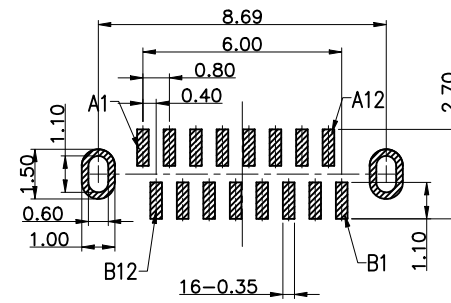
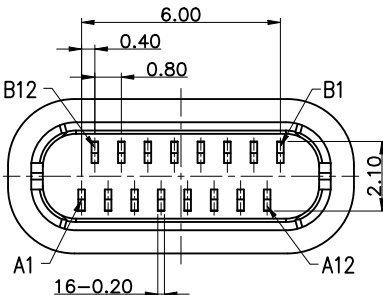
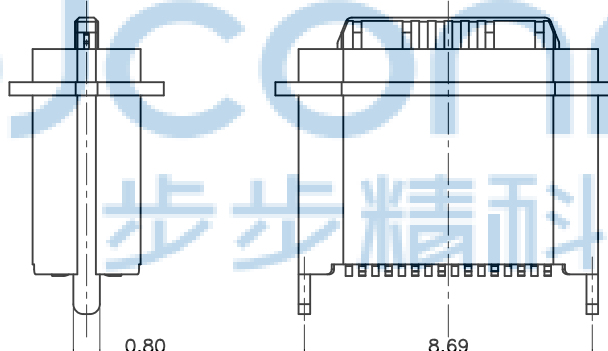
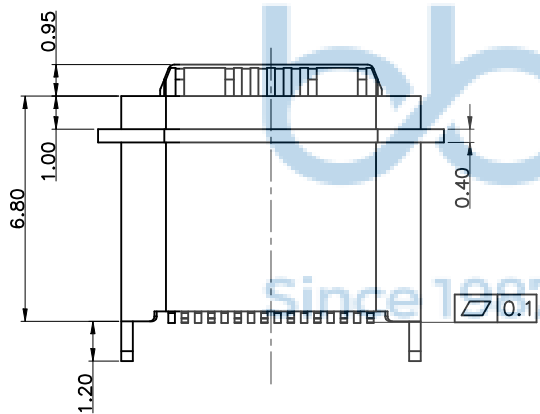
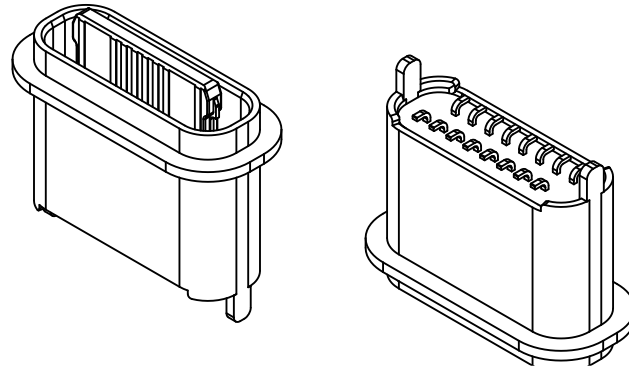
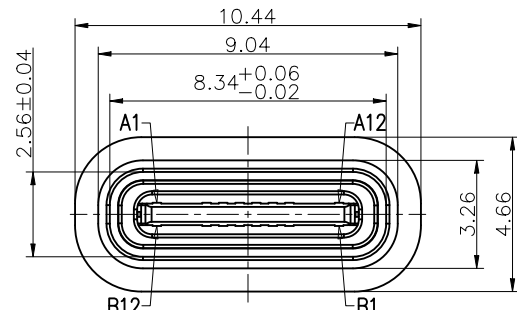


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PDWG.NO: 0366-2

|                                        |                                |                                                                         |                   |
|----------------------------------------|--------------------------------|-------------------------------------------------------------------------|-------------------|
| 深圳市步步精科技有限公司                           |                                | NAME: TYPE-C 16P 防水母座 立贴 端子SMT 两脚插 无柱 LCP黑胶<br>粉末冶金 H=6.8 IPX7 方形防水圈 编带 |                   |
| .X: ±0.38<br>.XX: ±0.25<br>.XXX: ±0.13 | X': ±3'<br>X': ±2'<br>XX': ±1' | PJ. NO.: 126-224-160007-N5G                                             | SIZE: A4 DRW NO.: |
| APPD. JM_Zheng                         | CHKD. LYX                      | FINISH: SEE NOTES                                                       | MAT'L: SEE NOTES  |
| DR. SGF                                | SCALE: N/A                     | REV.: A0                                                                | UNIT: mm          |

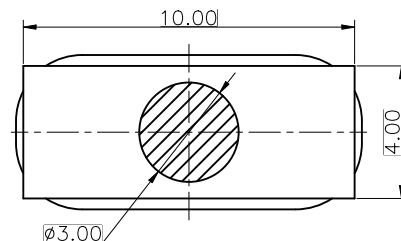
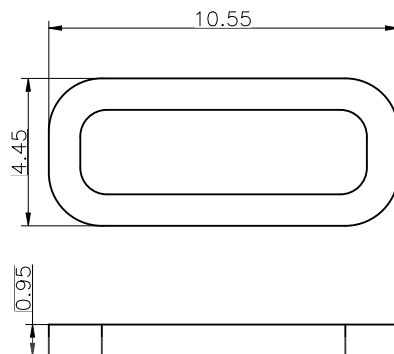
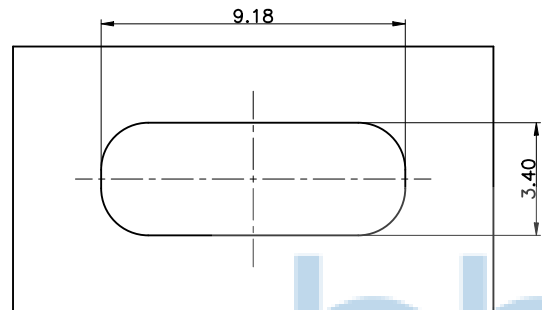
E



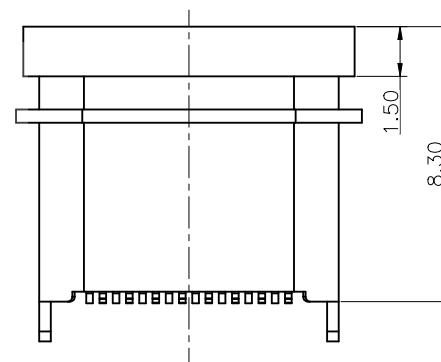
RECOMMEND P.C.B LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm



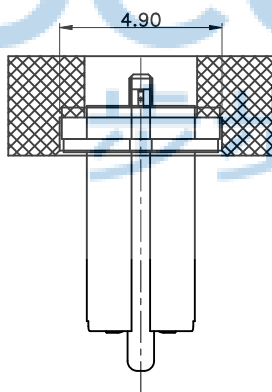
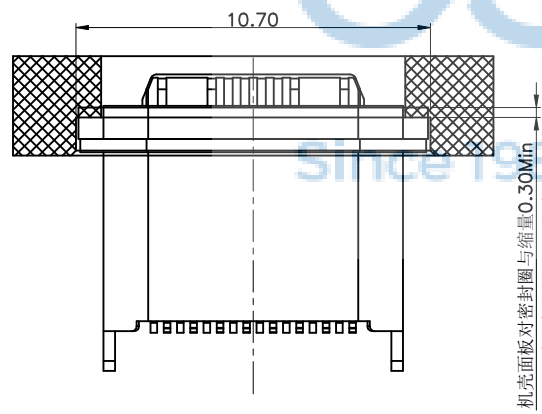
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防水圈图示



装前塞示意图



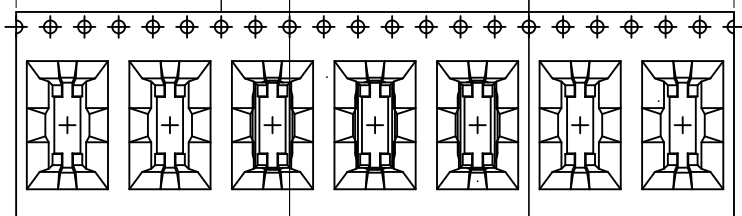
密封开孔参考尺寸(只供参考)  
组装外壳时需要打环保润滑油



|                                                                                                                                                             |  |                                                                      |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------|--|
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| PDWG.NO: 0366-2                                                                                                                                             |  | NAME: TYPE-C 16P 防水母座 立贴 端子SMT 两脚插 无柱 LCP黑胶 粉末冶金 H=6.8 IPX7 方形防水圈 编带 |  |
| APPD. JM_Zheng                                                                                                                                              |  | P.J. NO.: 126-224-160007-N5G                                         |  |
| CHKD. LYX                                                                                                                                                   |  | SIZE: A4 DRW NO.:                                                    |  |
| DR. SGF                                                                                                                                                     |  | FINISH: SEE NOTES MAT'L.: SEE NOTES                                  |  |
|                                                                                                                                                             |  | SCALE: N/A REV.: A0 UNIT: mm PAGE: 2/3                               |  |

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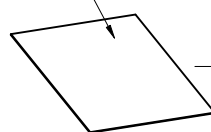
REEL OFF SECTION 700PCS PULL OUT DIRECTION  
(14 POCKETS) (14 POCKETS)



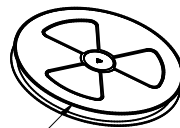
SEE DETAIL X



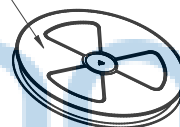
PAPER BOARD



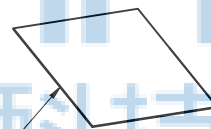
REEL AND TAPE



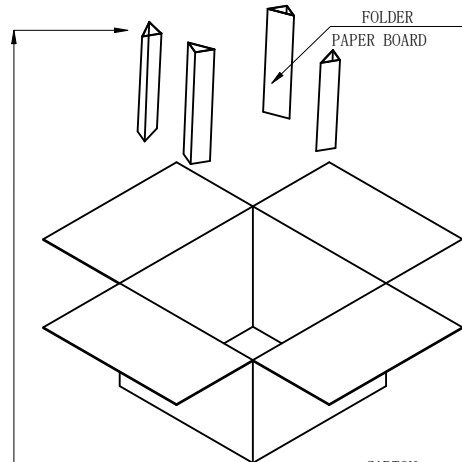
REEL AND TAPE



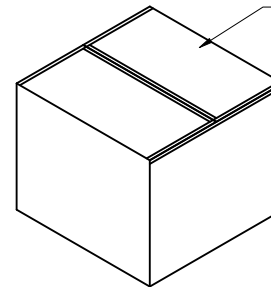
PAPER BOARD



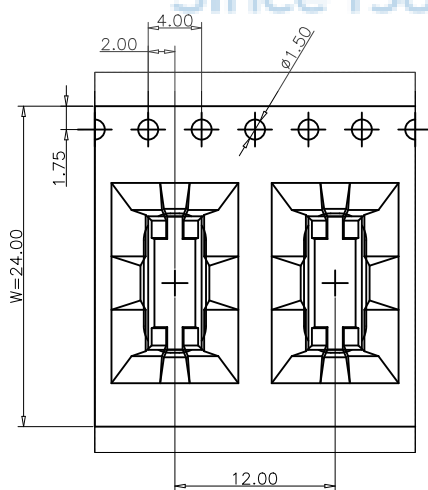
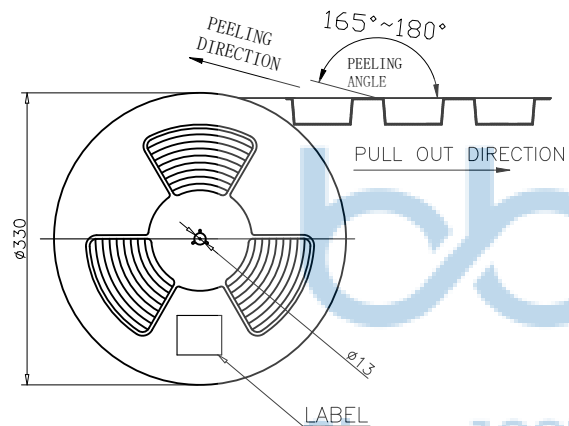
FOLDER  
PAPER BOARD



CARTON



|                 | REEL | CARTON |
|-----------------|------|--------|
| CONNECTOR (PCS) | 500  | 5000   |



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|                                                       |                                                 |                                                                      |
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