

RoHS

REV.

ECN. #

DESCRIPTION

NAME

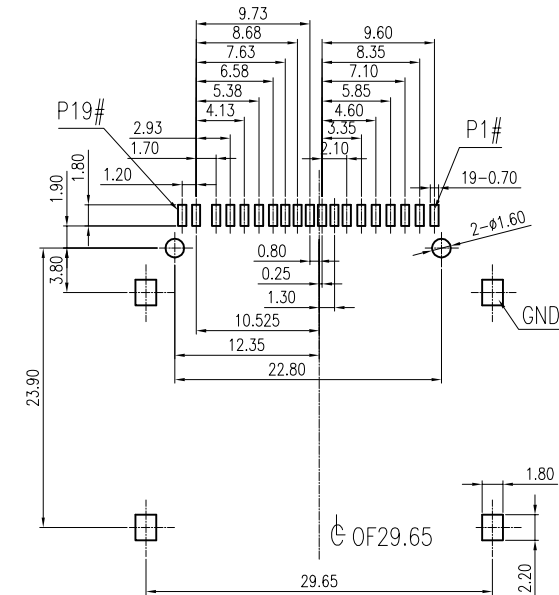
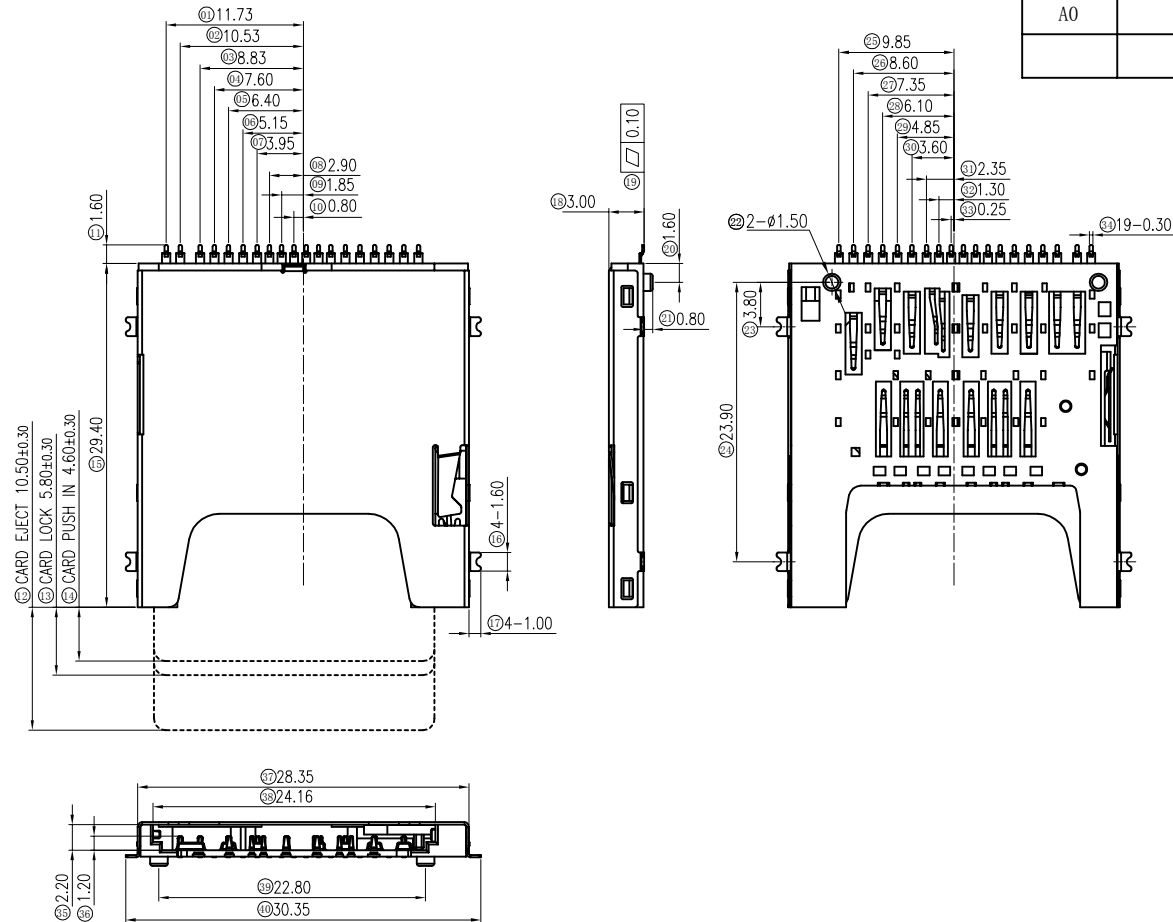
DATE

A0

NEW RELEASE

WuZhengXian

2018.09.14



RECOMMENDED PCB LAYOUT  
TOLERANCE UNLESS OTHERWISE IS  $\pm 0.05$

## NOTES:

## 1.Material

Housing:LCP UL94V-0 Black

Terminal:Copper Alloy

Cover:Stainless Steel

## 2.Plating:

## Terminal:

Contact Area:Gold plated 1u" Min

Solder Area:80u" Tin Min

Underplating: Ni overall 40u" Min.

## Cover:

Solder Area:Gold plated 0.5u" Min

Underplating: Ni overall 30u" Min.

## 3.Technical Specialty:

Rated Voltage: 30V

Current Rating: 0.5A

Insulation Resistance:1000MΩ Min.

Contact Resistance:100mΩ Max.

Withstanding Voltage: 500V AC For 1 Minutes.

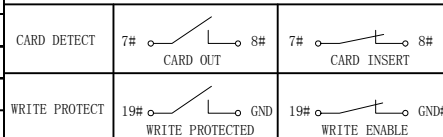
## 4.Mechanical&amp;Environmental

Operating Temperature:-40℃ to +85℃

Durability:5000 cycles

## PIN DEFINE:

| PIN# | NAME    | DESCRIPTION                | PIN# | NAME | DESCRIPTION           |
|------|---------|----------------------------|------|------|-----------------------|
| 1    | VSS3    | GROUND                     | 11   | VDD1 | SUPPLY VOLTAGE        |
| 2    | DAT2    | DATA LINE BIT2             | 12   | D1-  | DIFFERENTIAL DATE 1-  |
| 3    | D0+     | DIFFERENTIAL DATE 0+       | 13   | CLK  | CLOCK                 |
| 4    | CD/DAT3 | CARD DETECT/DATA LINE BIT3 | 14   | D1+  | DIFFERENTIAL DATE 1+  |
| 5    | D0-     | DIFFERENTIAL DATE 0-       | 15   | VSS2 | SUPPLY VOLTAGE GROUND |
| 6    | CMD     | COMMAND/RESPONSE           | 16   | VSS5 | GROUND                |
| 7    | CD      | CARD DETECT                | 17   | DAT0 | DATA LINE BIT0        |
| 8    | VSS1    | SUPPLY VOLTAGE GROUND      | 18   | DAT1 | DATA LINE BIT1        |
| 9    | VSS4    | GROUND                     | 19   | WP   | WRITE PROTECT         |
| 10   | VDD2    | SUPPLY VOLTAGE (1.8V)      |      |      |                       |

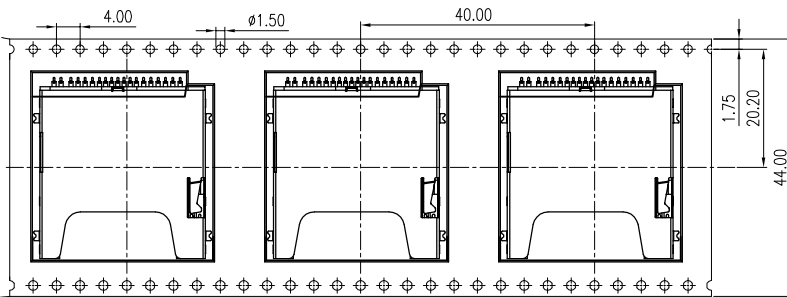


| MILLIMETERS                                                                                                                                                                    | INCH               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| X. ° $\pm 2^\circ$                                                                                                                                                             | X. ° $\pm 2^\circ$ |
| .X $\pm 0.30$                                                                                                                                                                  | .X $\pm 0.012$     |
| .XX $\pm 0.20$                                                                                                                                                                 | .XX $\pm 0.008$    |
| .XXX $\pm 0.10$                                                                                                                                                                | .XXX $\pm 0.004$   |
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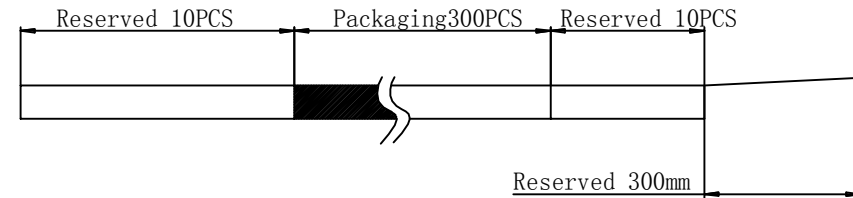
东莞市金比莱五金塑胶科技有限公司  
DONGGUAN JBL TECH CO., LTD

| TITLE    | SD 4.0 CARD PUSH CONN.<br>(板上)卡座 |       |       | DR      |                |  |
|----------|----------------------------------|-------|-------|---------|----------------|--|
| PART NO. | 102012552                        |       |       | CHKD    |                |  |
| PRO J.   | PAGE                             | 1/2   | UNITS | mm      | APPD           |  |
| SIZE     | A4                               | SCALE | 1:1   | DIS NO. | S4001-000<客户图> |  |

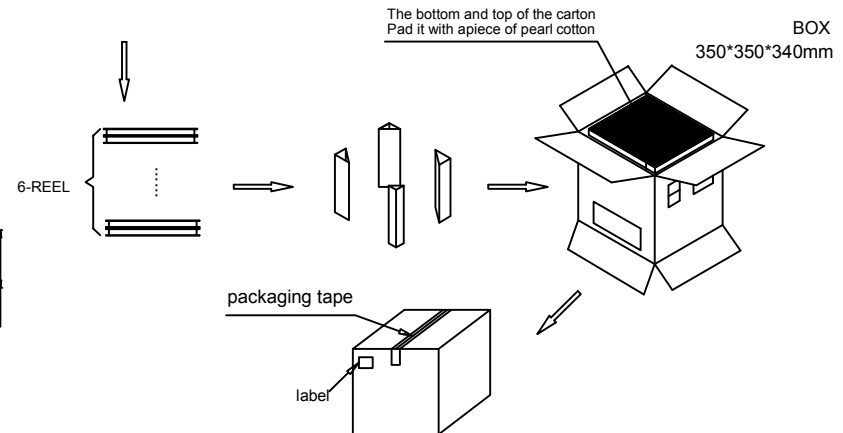
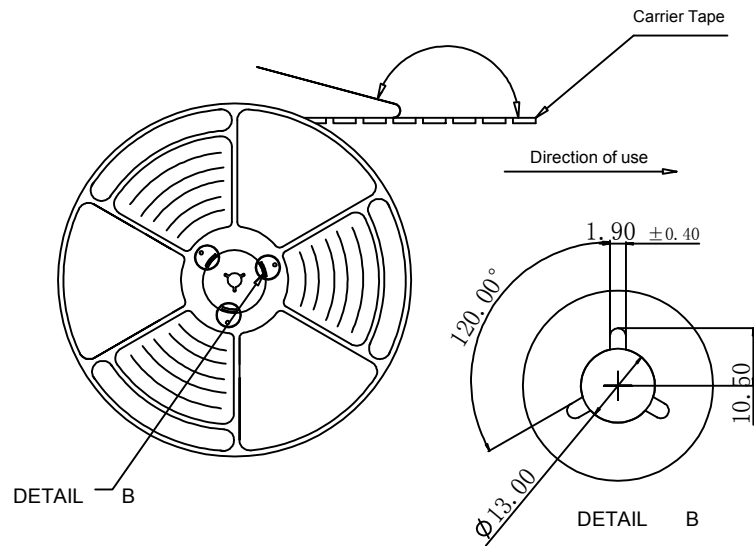
Direction of use  
→

## NOTES:

1. Packing quantity per plate: 300PCS/Plate
2. Loading and packing method



3. Total packaging: 1800PCS/Box



| MILLIMETERS                                                                                                                                                                                  | INCH        |  东莞市金比莱五金塑胶科技有限公司<br>DONGGUAN JBL TECH CO., LTD |  |                                  |           |                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------|-----------|----------------|
| X. ° ±2°                                                                                                                                                                                     | X. ° ±2°    |                                                                                                                                      |  |                                  |           |                |
| .X ±0.30                                                                                                                                                                                     | .X ±0.012   | TITLE                                                                                                                                |  | SD 4.0 CARD PUSH CONN.<br>(板上)卡座 | DR        |                |
| .XX ±0.20                                                                                                                                                                                    | .XX ±0.008  | PART NO.                                                                                                                             |  | 102012552                        | CHKD      |                |
| .XXX ±0.10                                                                                                                                                                                   | .XXX ±0.004 | PRO J.                                                                                                                               |  | PAGE 2/2                         | UNITS mm  | APPD           |
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|                                                                                                                                                                                              |             |                                                                                                                                      |  |                                  |           | S4001-000<客户图> |