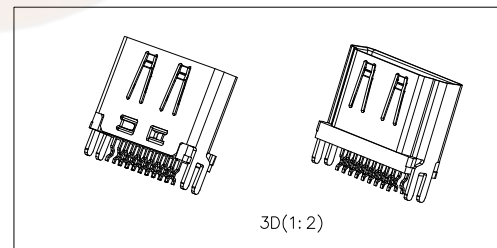
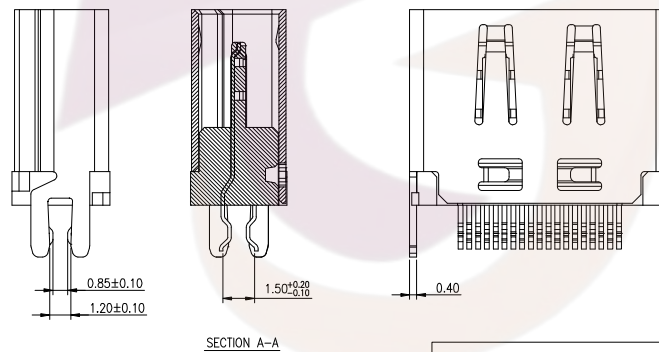
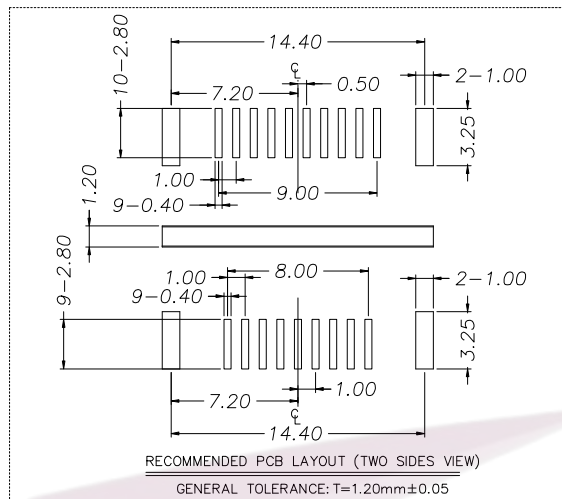
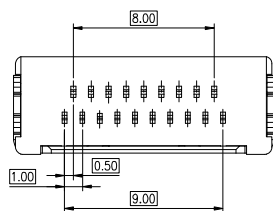
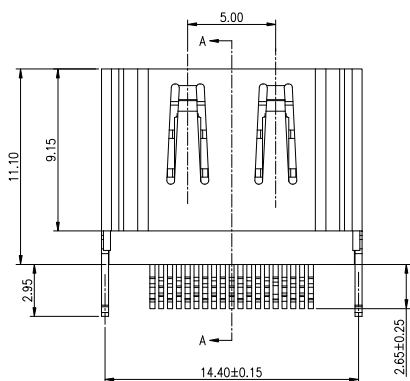
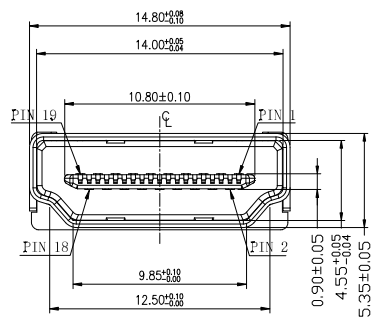


RoHS  
Compliant



#### NOTES:

##### 1.MATERIAL:

- 1-1. INSERTMOLDING: LCP, COLOR:BLACK,UL94-V0.
- 1-2. CONTACT: C2680(T=0.20mm) ;  
GOLD FLASH ON CONTACT AREA,  
100u" Min. Tin PLATED ON SOLDER TAILS.  
50u" Min. NICKEL PLATED OVERALL.
- 1-3. SHELL: SPCC,(T=0.40mm) ;  
100u" Min. NICKEL PLATED OVERALL.  
120u" Min. COPPER BOTTOM PLATED OVERALL.

##### 2.ELECTRICAL CHARACTERISTICS:

- 2-1. CURRENT RATING: 0.5A
- 2-2. CONTACT RESISTANCE: 30mΩ MAX.
- 2-3. INSULATION RESISTANCE: 100MΩ MIN.
- 2-4. DIELECTRIC WITHSTAND VOLTAGE: AC 500V/MINUTE.
- 2-5. OPERATING TEMPERATURE RANGE: -25°C~+85°C

##### 3.MECHANICAL CHARACTERISTICS:

- 3-1. INSERTION FORCE: 4.5KgF MAX.
- 3-2. EXTRACTION FORCE: 1.0KgF MIN.,4.0KgF MAX.

##### 4.DURABILITY: 5000 CYCLES.

##### 5.SALT FOG TEST: 24H.

| PIN | Signal Assignment | PIN | Signal Assignment |
|-----|-------------------|-----|-------------------|
| 1   | TMDS Data2+       | 2   | TMDS Data2 Shield |
| 3   | TMDS Data2-       | 4   | TMDS Data1+       |
| 5   | TMDS Data1 Shield | 6   | TMDS Data1-       |
| 7   | TMDS Data0+       | 8   | TMDS Data0 Shield |
| 9   | TMDS Data0-       | 10  | TMDS Clock+       |
| 11  | TMDS Clock Shield | 12  | TMDS Clock-       |
| 13  | CEC               | 14  | Utility           |
| 15  | SCL               | 16  | SDA               |
| 17  | DDC/CEC Ground    | 18  | +5V Power         |
| 19  | Hot Plug Detect   |     |                   |

Guangdong Tengjun Electronic Technology Co., Ltd

Website:

<https://www.tengjunconn.com>

TEL:

0769-23323869



PART NAME

HDMI 夹板式母座  
成品图

PART NO.

TJDBJB168787J012

TOLERANCE UNLESS  
OTHERWISE SPECIFIED:  
X ±0.2  
X.X ±0.15  
X.XX ±0.10  
X.XXX ±0.050

DRAWING:

Li

DATE:

2019.11.12

SCALE

SHEET

REV A0

CHECK:

Chen

DATE:

2019.11.12

1:1

1/2

SIZE: A4

APPROVAL:

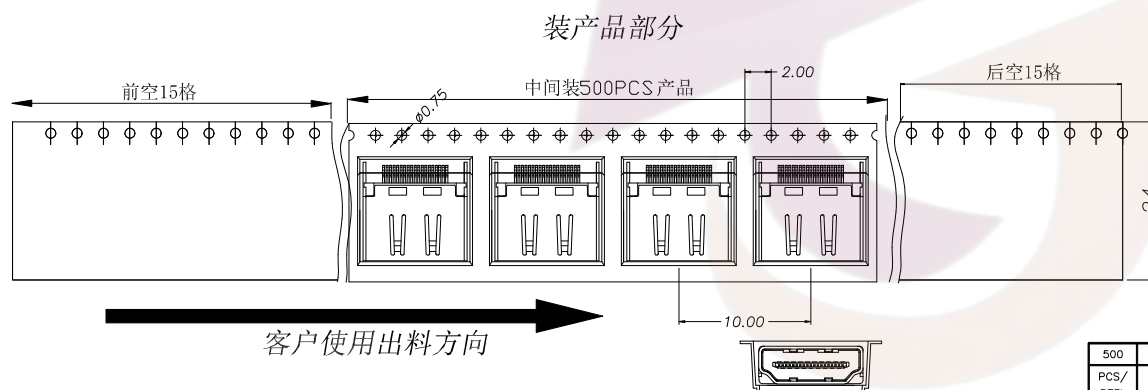
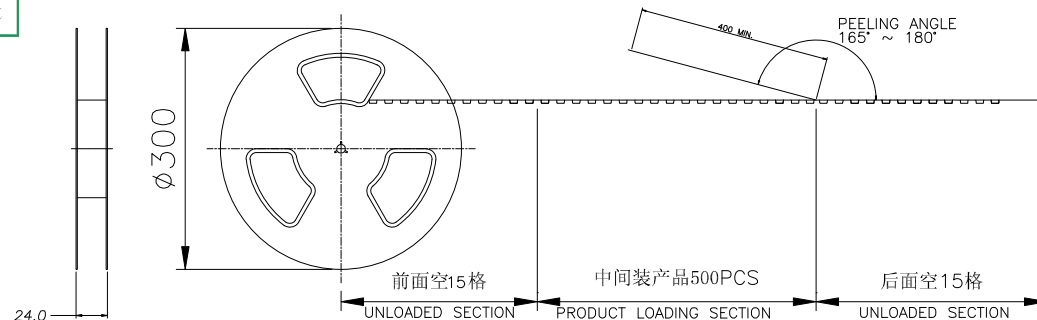
Yuan

DATE:

2019.11.12

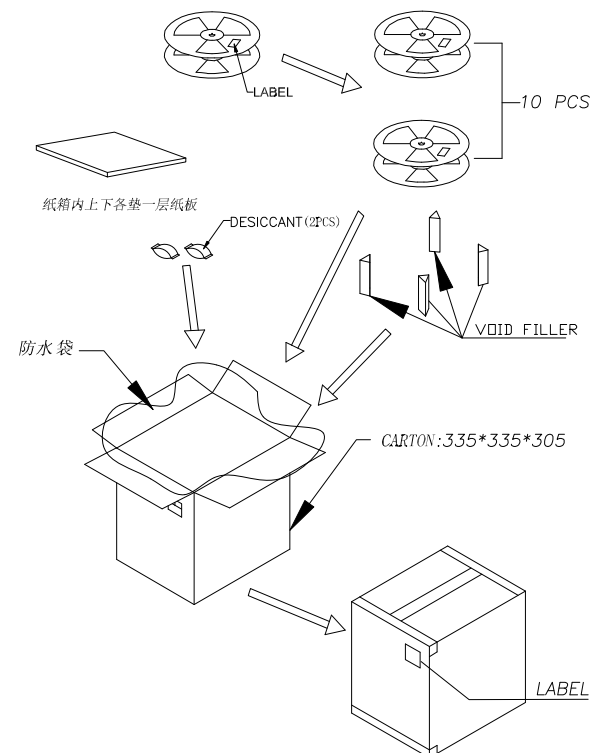
☐

RoHS  
Compliant



NOTE:

1. MATERIAL:  
BOX: FIBREBOARD, CORRUGATED, DOUBLE WALL  
TAPE: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE:  
120°C, TRANSPARENT COLOR.  
REEL: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE:  
70°C, BLUE COLOR.  
BAG: POLYETHYLENE, HEAT-RESISTANT TEMPERATURE: 100°C.
2. PEELING STRENGTH: 0.1 ~ 1.3 N (10 ~ 130 GRAMS)
3. PEELING SPEED: 300 mm/min.



|              |                  |          |                 |               |                  |
|--------------|------------------|----------|-----------------|---------------|------------------|
| 500          | 10               | 5000 PCS | --KG            | --KG          | 1.75g            |
| PCS/<br>REEL | REELS/<br>CARTON | QUANTITY | GROSS<br>WEIGHT | NET<br>WEIGHT | SINGLE<br>WEIGHT |

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PART NAME

HDMI 夹板式母座  
成品图

PART NO.

TJDBJB168787J012

TOLERANCE UNLESS OTHERWISE SPECIFIED:  
X ±0.2  
X.X ±0.15  
X.XX ±0.10  
X.XXX ±0.050

DRAWING:

Li

DATE:

2019.11.12

SCALE

SHEET

REV A0

CHECK:

Chen

DATE:

2019.11.12

1:1

2/2

SIZE: A4

APPROVAL:

Yuan

DATE:

2019.11.12

