

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

# NOTES:

## 1.) MATERIAL:

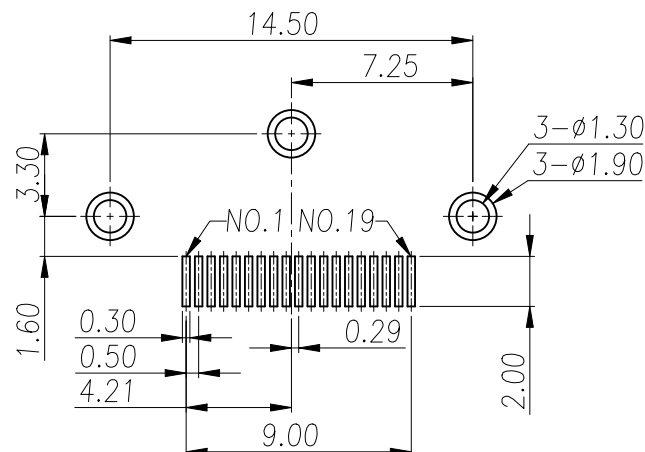
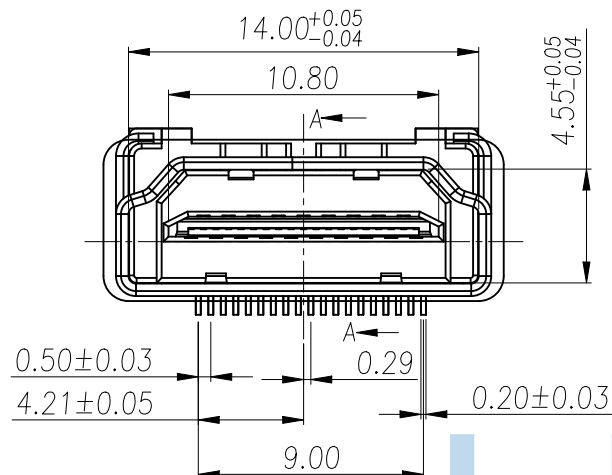
- 1-1. HOUSING AND COVER: LCP, UL 94V-0, COLOR: BLACK;
- 1-2. CONTACT: BRASS T=0.20;
- 1-3. SHELL: SPCC
- 1-4. CAP: LCP BLACK UL 94-V0

## 2.) FINISH:

- 2-1. CONTACT: Au PLATING ON CONTACT AREA, (SEE P/N DESCRIBING) MATTE PURE Sn 120u" Min. PLATING ON SOLDER TAILS, 50u" MIN. Ni UNDERPLATING OVERALL;
- 2-2. SHELL: PLATING Ni 50u" MIN

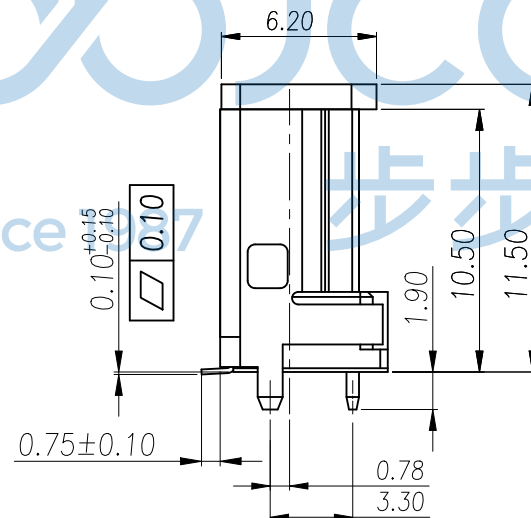
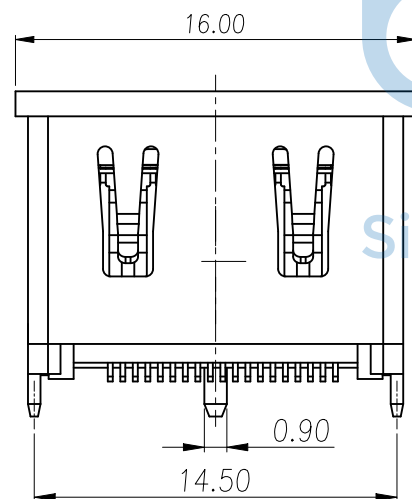
## 3.) SPECIFICATIONS:

- 3-1. VOLTAGE RATING: 40V
- 3-2. CURRENT RATING: 0.5A
- 3-3. INSULATION RESISTANCE: 100MEG. OHM MIN
- 3-4. CONTACT RESISTANCE: 30 MILL. OHM MAX
- 3-5. OPERATION TEMPERATURE: -20° TO +85°
- 3-6. INSERT FORCE: 44.1N MAX
- 3-7. EXTRACT FORCE: 9.8N MIN
- 3-8. DURABILITY: 10000 CYCLES
- 3-9. CONTACT PULL OUT FORCE: 2.99N/PIN



RECOMMENED P.C.B. LAYOUT(T=1.6mm)

TOLERANCES UNLESS OTHERWISE SPEC.±0.05



# Connector Pin Assignments

| 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   |     |                   |

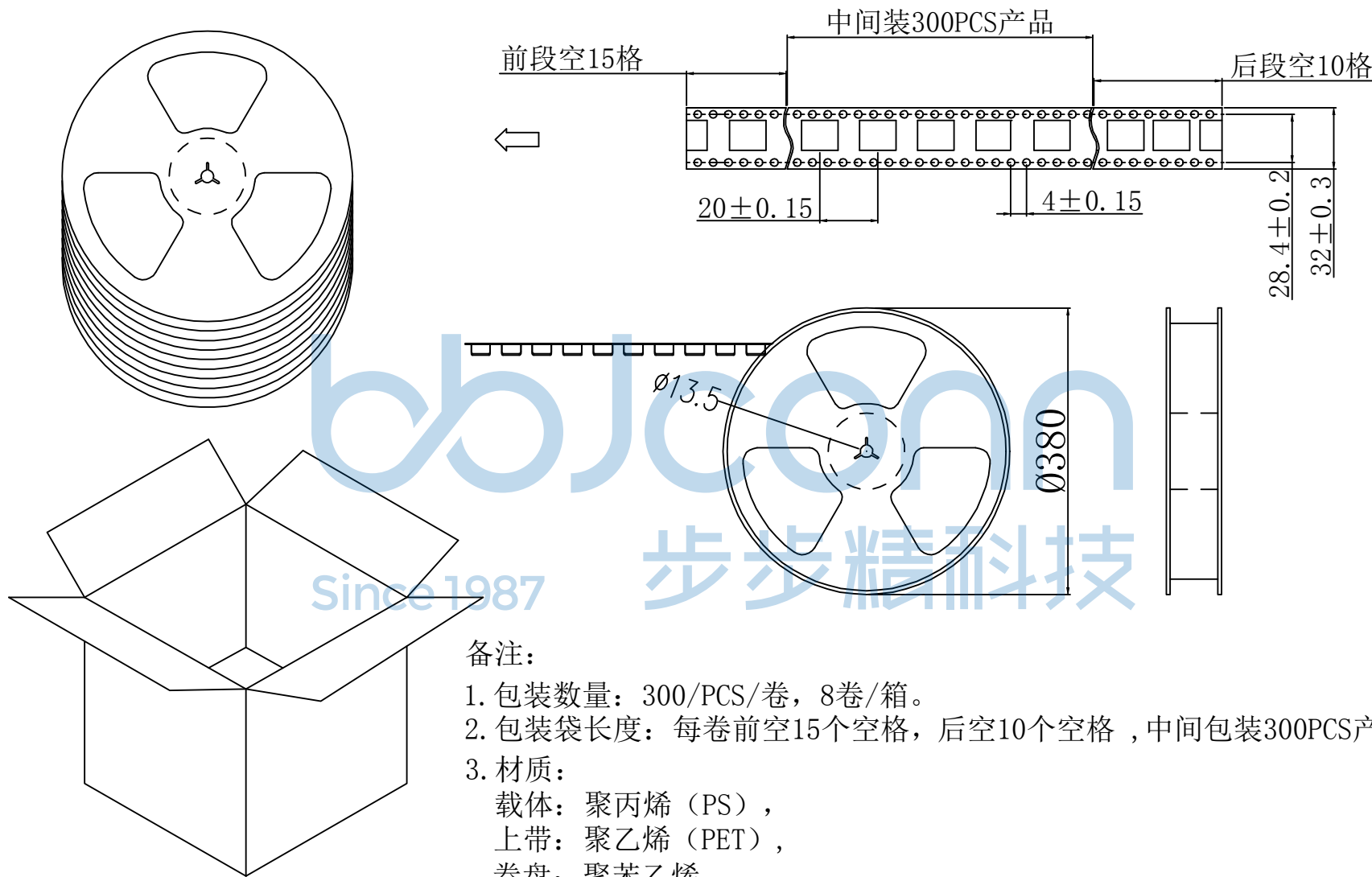


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PDWG.NO: 0006-1

**深圳市步步精科技有限公司**

|                                                            |                                        |
|------------------------------------------------------------|----------------------------------------|
| NAME: HDMI 19P 母座 180度 H=10.50 带盖 三脚插 端子SMT 平口 LCP黑胶 铁壳 编带 |                                        |
| APPD. JM_Zheng                                             | PJ. NO.: 124-224-190001-T1G            |
| CHKD. LYX                                                  | SIZE: A4 DRW NO.:                      |
| DR. TSP                                                    | FINISH: SEE NOTES MAT'L.: SEE NOTES    |
|                                                            | SCALE: N/A REV.: A0 UNIT: mm PAGE: 1/2 |



备注:

1. 包装数量: 300/PCS/卷, 8卷/箱。
2. 包装袋长度: 每卷前空15个空格, 后空10个空格, 中间包装300PCS产品。
3. 材质:  
载体: 聚丙烯 (PS),  
上带: 聚乙烯 (PET),  
卷盘: 聚苯乙烯。

纸箱规格: 400\*400\*335MM

|                                                                                                                                                            |          |                                                            |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------|--|
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| .X: ±0.38<br>.XX: ±0.25<br>.XXX: ±0.13                                                                                                                     |          | X': ±3"<br>.X': ±2"<br>.XX': ±1"                           |  |
| APPD.                                                                                                                                                      | JM_Zheng | NAME: HDMI 19P 母座 180度 H=10.50 带盖 三脚插 端子SMT 平口 LCP黑胶 铁壳 编带 |  |
| CHKD.                                                                                                                                                      | LYX      | PJ. NO.: 124-224-190001-T1G                                |  |
| DR.                                                                                                                                                        | TSP      | SIZE: A4 DRW NO.:                                          |  |
| PDWG.NO: 0006-1                                                                                                                                            |          | FINISH: SEE NOTES MAT'L.: SEE NOTES                        |  |
|                                                                                                                                                            |          | SCALE: N/A REV.: A0 UNIT: mm PAGE: 2/2                     |  |