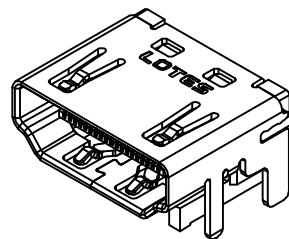
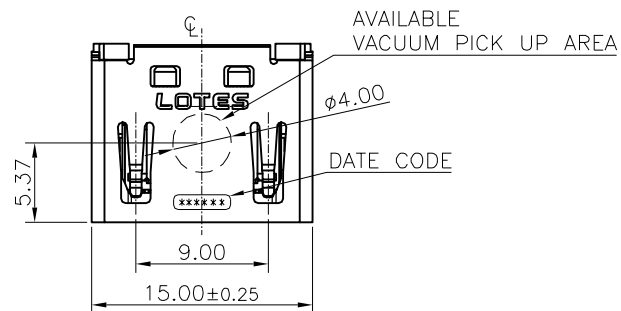


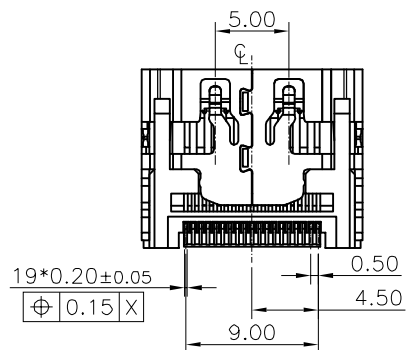
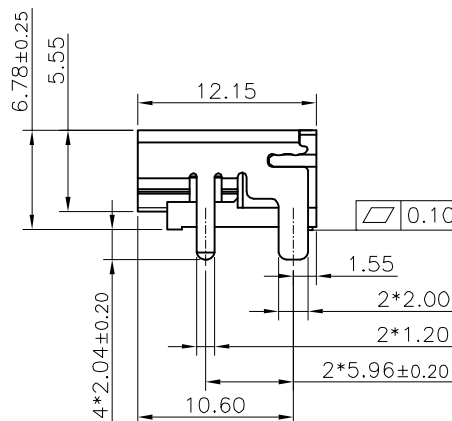
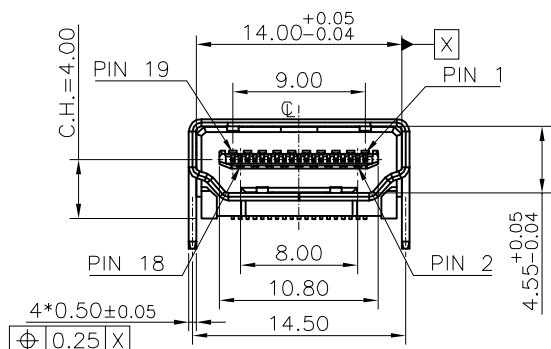
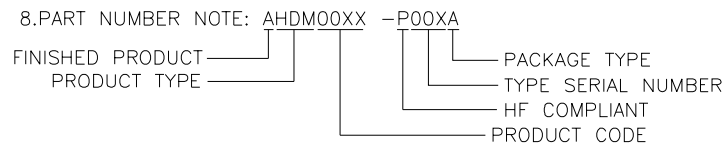
| REV. | ECN NO./DESCRIPTION | DATE |
|------|---------------------|------------|
| 1 | N190287 | 2019.10.18 |
| 2 | N210028 | 2021.03.18 |
| | | |



NOTES:

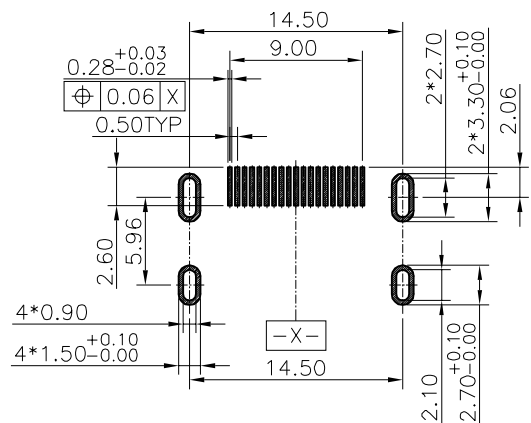
- MATERIAL SPECIFICATION,
 - HOUSING: LCP+40%GF BLACK UL94 V-0
 - CONTACT: COPPER ALLOY C2680
 - SHELL: STAINLESS STEEL SUS430
- PLATING SPECIFICATION,
 - CONTACT: Ni 50u" UNDER PLATED OVERALL, 15u" Au PLATED ON THE FUNCTIONAL AREA OF CONTACT, MATTE SN 100u" PLATED ON THE SOLDER TAIL.
 - SHELL: 50u" MIN NICKEL PLATED OVERALL.
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 4.5 KGF MAX.
 - WITHDRAWAL FORCE: 1KGF MIN.
 - DURABILITY: 10,000 CYCLES
- ELECTRICAL PERFORMANCE,
 - CURRENT RATING: 0.5A MIN.
 - LLCR CONTACT: 30 mΩ MAX., SHELL: 50 mΩ MAX.
 - INSULATION RESISTANCE:
 - UNMATED: 100 MΩ MIN. AT 500V DC
 - MATED: 10 MΩ MIN. AT 150V DC
 - DIELECTRIC WITHSTAND VOLTAGE:
 - 300V AC/60S(MATED), 500V AC/60S(UNMATED).
- IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C±5°C.
- HF COMPLIANT.
- DATE CODE:XXXXXX

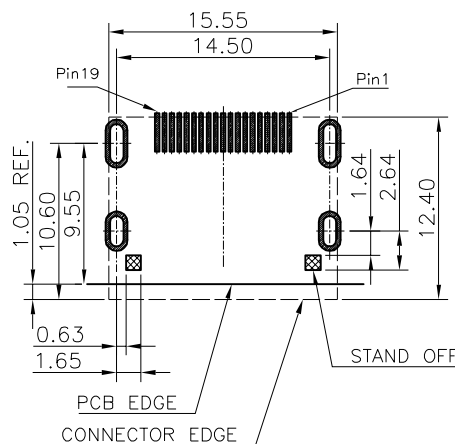


| GENERAL TOLERANCES UNLESS SPECIFIED | | PART NO. | LOTES | | | |
|-------------------------------------|-----------|----------------|--|-------|-------|-----|
| X ± 0.35 | X° ± 3° | AHDM0074-P001A | TITLE HDMI TYPE A CH=4.0mm SMT TYP | | | |
| .XX ± 0.25 | .X° ± 2° | APPROVED BY | | | | |
| .XXX ± 0.15 | .XX° ± 1° | Yaowen_Zhong | | | | |
| CUSTOMER DRAWING | | CHECKED BY | DWG NO. | | | |
| | | Yong_Liu | GAP-AHDM0074-P001A | | | |
| SIZE | UNITS | DRAWN BY | | SHEET | SCALE | REV |
| A4 | mm[inch] | Junkang_Zhong | | 1 / 3 | 1:1 | 2 |

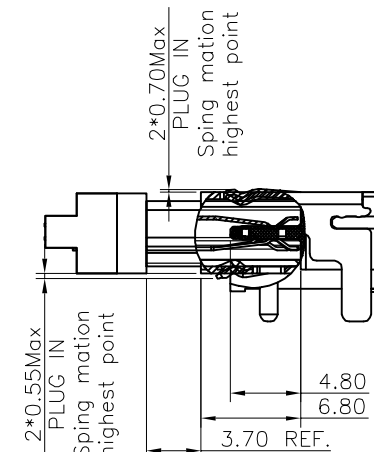
| REV. | ECN NO./DESCRIPTION | DATE |
|------|---------------------|------------|
| 1 | N190287 | 2019.10.18 |
| 2 | N210028 | 2021.03.18 |



RECOMMENDED DP PCB LAYOUT(TOP VIEW)
THICKNESS=1.60±0.05 DEFAULT TOL ±0.05



RECOMMENDED CONNECTOR & PCB EDGE
(COMPONENT SIDE, TOP VIEW)



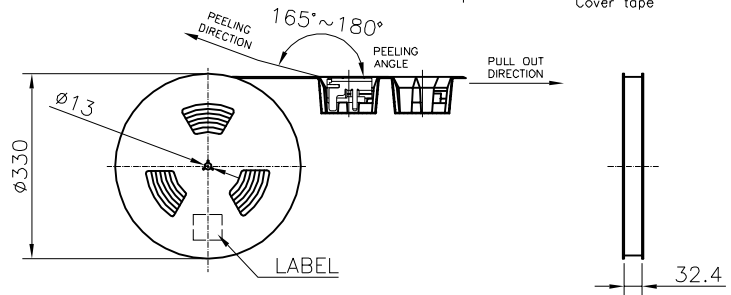
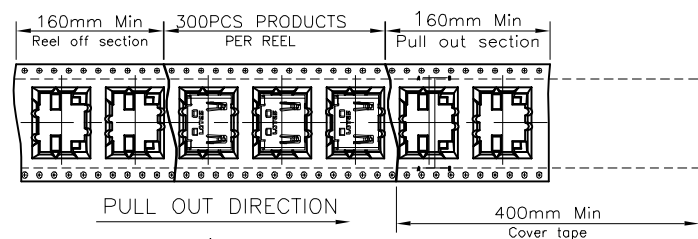
RECOMMENDED METHOD OF MATE
SCALE 1:1

PIN Signal Assignment

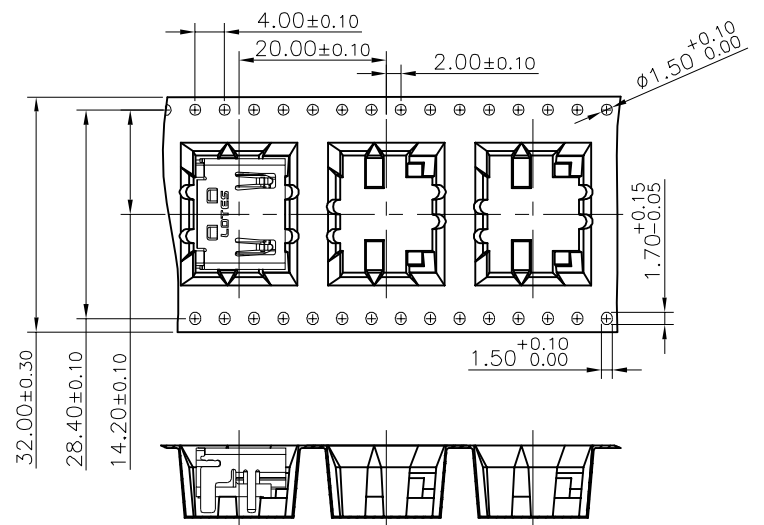
| | | | |
|----|-------------------|-------|-------------------|
| 1 | TMDS Data2+ | 2 | TMDS Data2 Shield |
| 3 | TMDS Data2- | 4 | TMDS Data1+ |
| 5 | TMDS Data1 Shield | 6 | TMDS Data1- |
| 7 | TMDS Data0+ | 8 | TMDS Data0 Shield |
| 9 | TMDS Data0- | 10 | TMDS Clock+ |
| 11 | TMDS Clock Shield |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

| GENERAL TOLERANCES UNLESS SPECIFIED | | PART NO. | LOTES | | |
|-------------------------------------|-----------|----------------|---------------------------------------|-------|-----|
| X ± 0.35 | X° ± 3° | AHDM0074-P001A | | | |
| .XX ± 0.25 | .X° ± 2° | APPROVED BY | TITLE HDMI TYPE A CH=4.0mm SMT TYP | | |
| .XXX ± 0.15 | .XX° ± 1° | Yaowen_Zhong | | | |
| CUSTOMER DRAWING | | CHECKED BY | DWG NO. GAP-AHDM0074-P001A | | |
| | | Yong_Liu | | | |
| SIZE | UNITS | DRAWN BY | SHEET | SCALE | REV |
| A4 | mm[inch] | Junkang_Zhong | | | |

| REV. | ECN NO./DESCRIPTION | DATE |
|------|---------------------|------------|
| 1 | N190287 | 2019.10.18 |
| 2 | N210028 | 2021.03.18 |

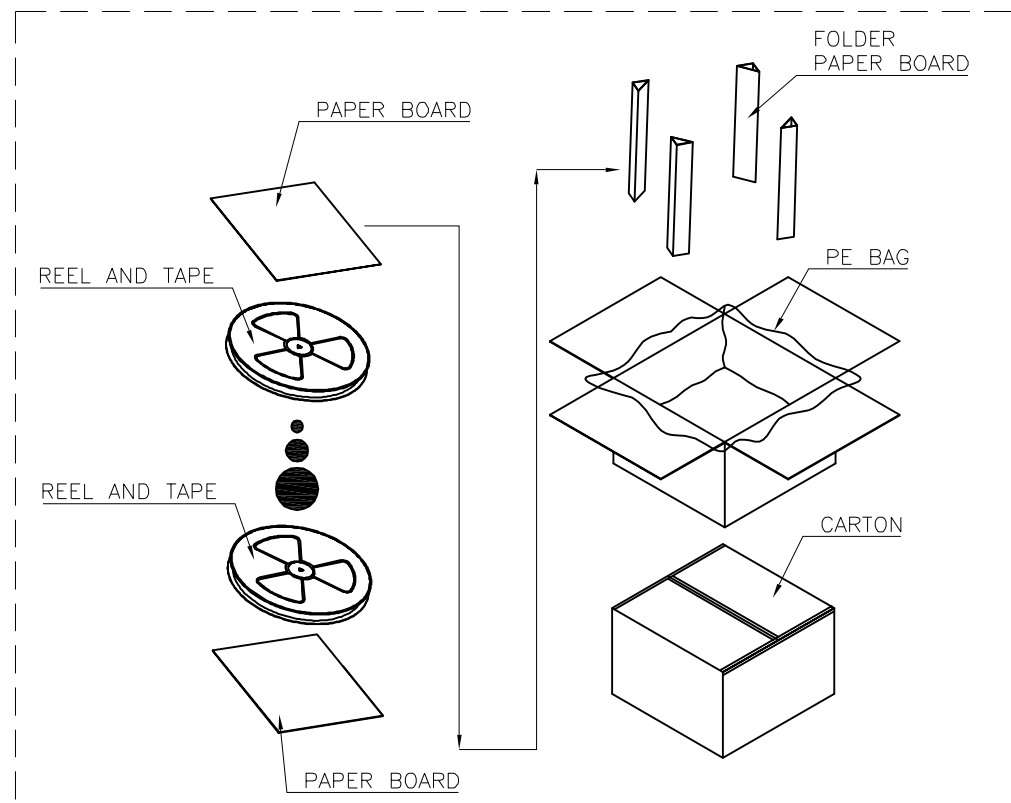


REEL VIEW



TAPE VIEW

SCALE 1:2



| | REEL/TRAY | CARTON |
|---------------------|-----------|--------|
| CONNECTOR Q'TY(PCS) | 300 | 2400 |

| | | | | | |
|-------------------------------------|-----------|----------------|------------------------------|-------|-----|
| GENERAL TOLERANCES UNLESS SPECIFIED | | PART NO. | LOTES | | |
| X ± 0.35 | X° ± 3° | AHDM0074-P001A | | | |
| .XX ± 0.25 | .X° ± 2° | APPROVED BY | TITLE | | |
| .XXX ± 0.15 | .XX° ± 1° | Yaowen_Zhong | HDMI TYPE A CH=4.0mm SMT TYP | | |
| CUSTOMER DRAWING | | CHECKED BY | DWG NO. | | |
| | | Yong_Liu | GAP-AHDM0074-P001A | | |
| SIZE | UNITS | DRAWN BY | SHEET | SCALE | REV |
| A4 | mm[inch] | Junkang_Zhong | | | |