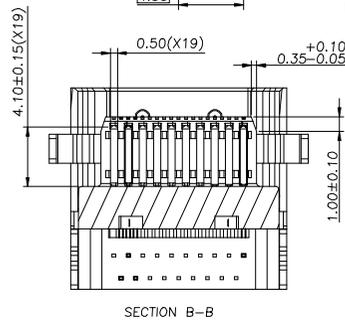
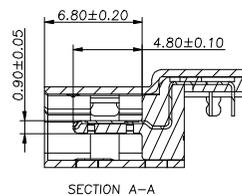
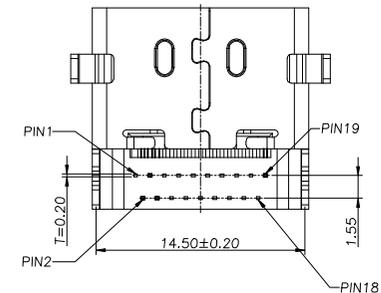
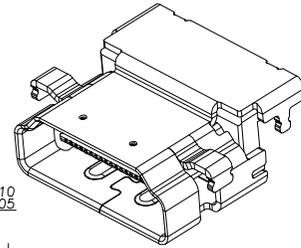
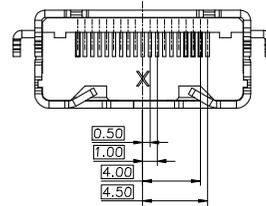
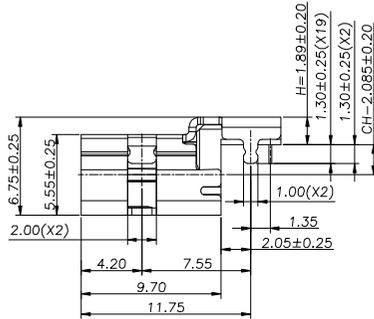
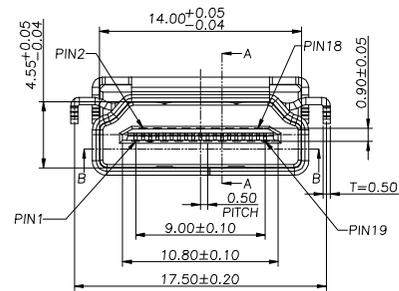
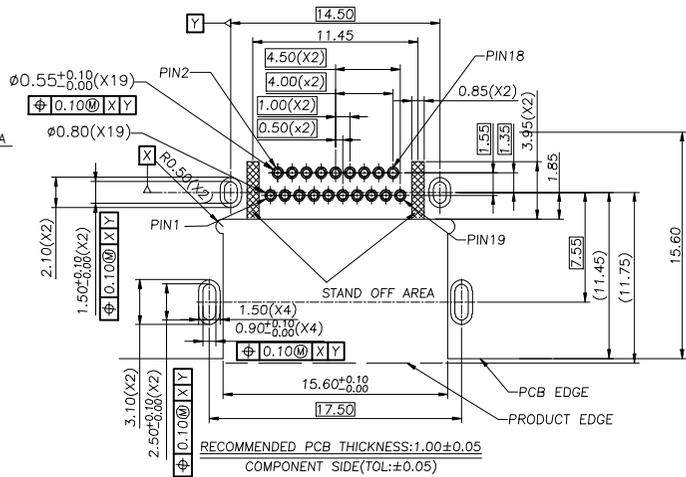
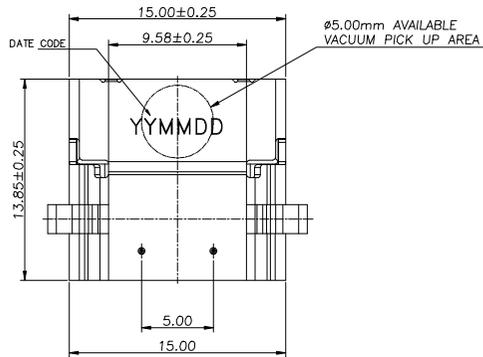


RoHS
HF



HA-F B209 D R -E2 01
1 2 3 4 5 6 7

- 1.HDMI A TYPE
- 2.F:FEMALE
- 3.B209=中心高-2.085mm
- 4.D:DIP
- 5.R:90°
- 6.TYPE码:E2
- 7.Contact Area plating on contacts
01: Au 1u"

| PIN | SIGNAL ASSIGNMENT | PIN | SIGNAL ASSIGNMENT | PIN | SIGNAL ASSIGNMENT |
|-----|-------------------|-----|---------------------|-----|-------------------|
| 1 | TMDS DATA2+ | 8 | TMDS DATA0 SHIELD | 15 | SCL |
| 2 | TMDS DATA2 SHIELD | 9 | TMDS DATA0- | 16 | SDA |
| 3 | TMDS DATA2- | 10 | TMDS CLOCK+ | 17 | DDC/CEC GROUND |
| 4 | TMDS DATA1+ | 11 | TMDS CLOCK + SHIELD | 18 | +5V POWER |
| 5 | TMDS DATA1 SHIELD | 12 | TMDS CLOCK- | 19 | HOT PLUG DETECT |
| 6 | TMDS DATA1- | 13 | CEC | | |
| 7 | TMDS DATA0+ | 14 | UFILFY/HEAC+ | | |

NOTES:

1. ELECTRICAL CHARACTERISTIC:
 - 1.1 LOW LEVEL CONTACT RESISTANCE:30mΩ MAXIMUM.
 - 1.2 DIELECTIC WITHSTANDING VOLTAGE:
500 VAC BETWEEN ADJACENT TERMINAL OR GROUND,No Breakdown
300 VAC BETWEEN ADJACENT TERMINAL OR GROUND,No Breakdown
 - 1.3 INSULATION RESISTANCE:100MΩ MINIMUM(Unmated).
10MΩ MINIMUM(Mated).
- 2.0 MECHANICAL CHARACTERISTIC:
 - 2.1 INSERTION FORCE: 4kgf MAXIMUM.
 - 2.2 EXTRACTION FORCE:
INITIAL: 1.0kgf MINIMUM.
AFTER 5000 CYCLES: 1.0kgf MINIMUM .
- 3.PLATING SPECIFICATION:
 - 3.1 CONTACTS:Ni 50u" MIN. UNDER PLATED,GOLD FLASH PLATED ON THE MATING AREA OF CONTACT.
MATTE Sn 80u"-100u" MIN. PLATED ON THE SOLDER TALL.
 - 3.2 FRONT SHELL:Ni 50u"MIN. UNDER PLATED OVER ALL.

| | | | |
|----|-----------|-----|-----------------------------|
| C | SHELL | 1 | Stainless Steel |
| B | TERMINAL | 19 | COPPER ALLOY/SEE NOTES |
| A | HOUSING | 1 | THERMOPLASTIC UL94V-0 BLACK |
| NO | PART NAME | QTY | MATERIAL PLATING & COLOR |

| REV. | REVISION RECORD | DATE | GENERAL TOLERANCES | | SCALE | NAME | DATE | PART NO. | DWG NO. |
|------|-----------------|----------|--------------------|------------|-----------|-----------|-------------|-----------------|--|
| A0 | 新图面发行 | 21.06.29 | | LINEAR | 1:1 | Frey Yang | 23.09.01 | HA-FB209DR-E201 | ENDE05 |
| A1 | 换图框发行 | 23.09.01 | | ANGLES | APPROVED | | | | |
| | | | UNIT: MM | 0.00±0.20 | X° REF±6° | DESIGNER | Daniel Dong | 23.09.01 | TITLE |
| | | | SIZE: A4 | 0.000±0.10 | X° X' ±2° | DRAWN | Micky Ma | 23.09.01 | HDMI2.1 AF RVS CH=-2.085 H1.89 L13.85 DIP |

JCTC®

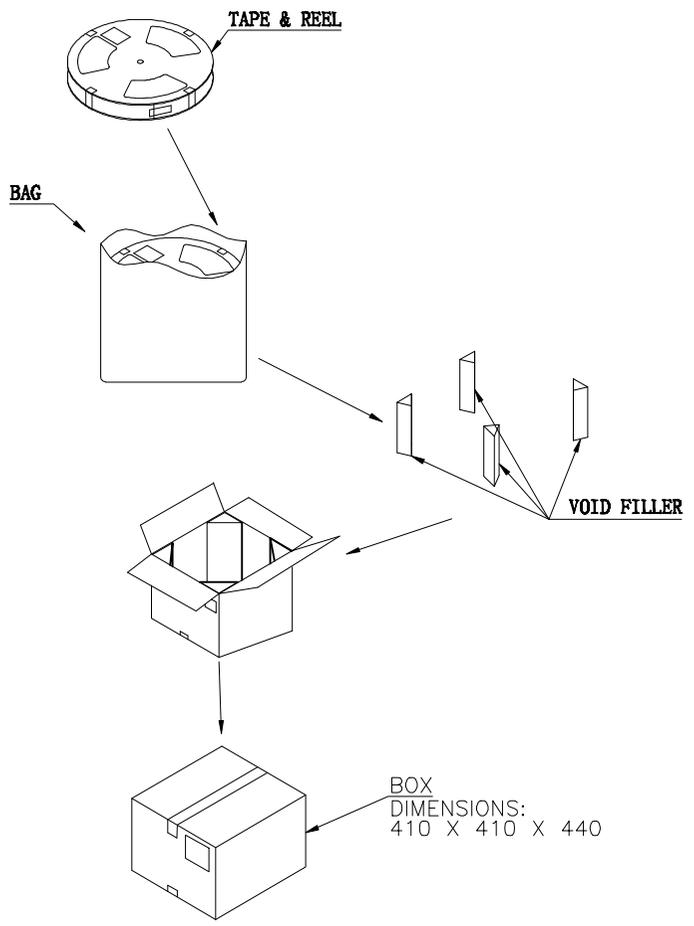
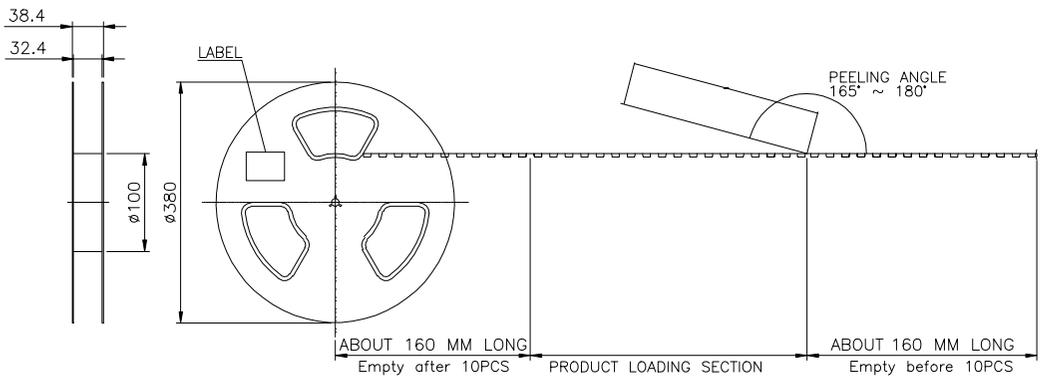
REV A1 SHEET 1/2

RoHS
HF

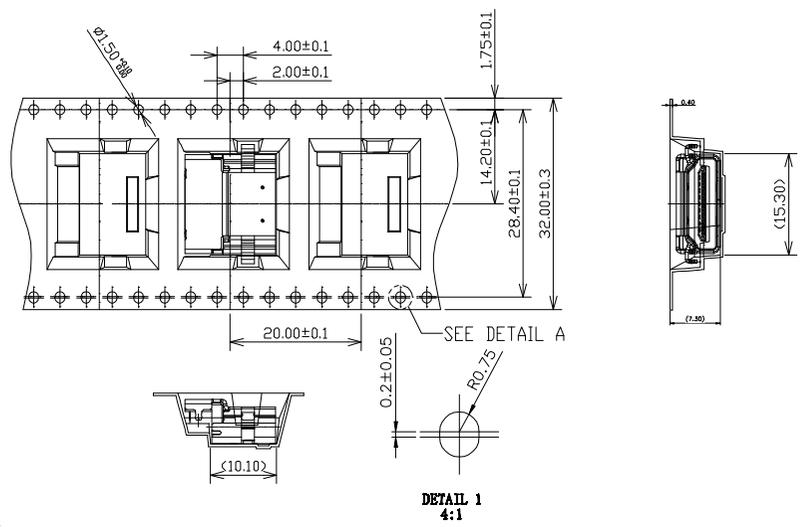
A
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1 2 3 4 5 6 7 8



USER DIRECTION OF UNREELING →



NOTE:
 1. MATERIAL:
 BOX: FIBRE BOARD, CORRUGATED, DOUBLE WALL.
 TAPE: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 120°C, Transparent COLOR (透明色).
 REEL: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 70°C, BLUE COLOR.
 BAG: POLYETHYLENE, HEAT-RESISTANT TEMPERATURE: 100°C
 2. PEELING STRENGTH: 0.2~1.0N (20~100gf)
 3. PEELING SPEED: 300 mm/min.
 4. EACH BAG SHALL BE INCLUDED DESICCANT.

| | | | | |
|--------------|------------------|----------|-----------------|---------------|
| 550 | 11 | 6050 | -- KG | -- KG |
| PCS/ REEL | REELS/ CARTON | QUANTITY | GROSS WEIGHT | NET WEIGHT |

| REV. | REVISION RECORD | DATE | UNIT: MM | GENERAL TOLERANCES | | SCALE | NAME | DATE | PART NO. | DWG NO. | | | | |
|------|-----------------|----------|-----------|--------------------|-----------|-------------|----------|----------|---|---------|--|--|--|--|
| A0 | 新图面发行 | 21.06.29 | | LINEAR | ANGLES | 1:1 | | | | | | | | |
| A1 | 换图框发行 | 23.09.01 | 0.00±0.20 | X° ±3° | DESIGNER | Daniel Dong | 23.09.01 | TITLE | HDMI2.1 AF RVS CH=2.085 H1.89 L13.85 DIP | | | | | |
| | | | SIZE: A4 | 0.000±0.10 | X° X' ±2° | DRAWN | Micky Ma | 23.09.01 | | | | | | |

1 2 3 4 5 6 7 8