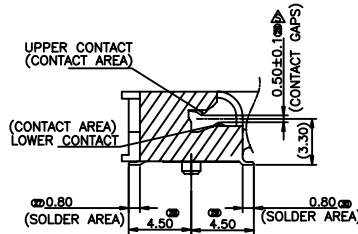
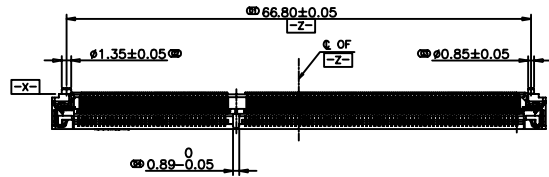


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Halogen Free

REVISIONS

| REV | ECN NO. | DESCRIPTION      | APPROVED BY | DATE       |
|-----|---------|------------------|-------------|------------|
| 1   |         | PROPOSAL DRAWING | JASON MENG  | 2013-07-24 |



SECTION A-A  
SCALE 2:1

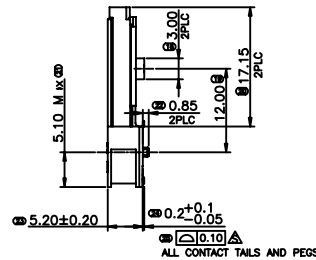
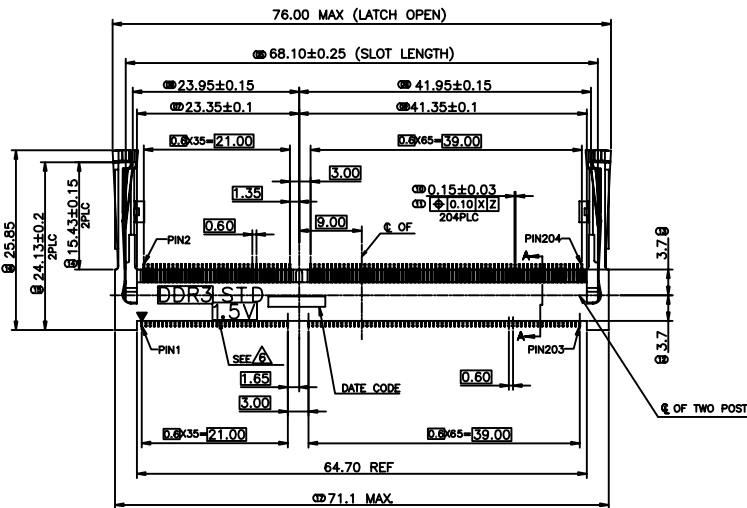
NOTES:

- MATERIAL:
  - HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL94V-0; COLOR: BLACK.
  - CONTACTS: COPPER ALLOY
  - LATCH: STAINLESS STEEL
  - FLOATING PEG: STAINLESS STEEL
- FINISH:
  - CONTACT: GOLD (SEE TABLE) PLATED ON CONTACT AREA AND GOLD 2u" SOLDER AREA. 50u" MIN. NICKEL UNDERPLATING.
  - FLOATING PEG: GOLD FLASH PLATED ON SOLDERING AREA. 50u" MIN. NICKEL UNDERPLATING.
- REFLOW SOLDER CAPABLE TO 260°C.
- SHOULD BE MEASURED BY CPK
- MAKED "M" DIMENSIONS NEED BE CONTROLLED IN FAI.

PART NUMBER:

J4319-204 X X X HF 44

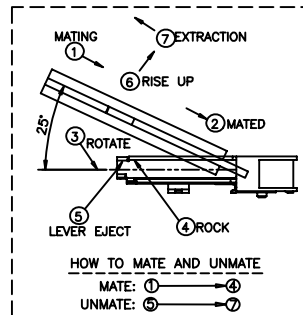
- HF: HALOGEN FREE
- PACKAGE CODE:
  - R: TAPE & REEL PACKING
  - T: TRAY PACKING
- PLATING CODE:
  - 1: GOLD FLASH 4: Au15u"
  - 2: Au5u" 5: Au20u"
  - 3: Au10u" 6: Au30u"
- MARK & HSG COLOR:
  - 0: DDR3 STD 1.5V & BLACK
  - 1: DDR3 STD & BLACK 2: STD & BLACK
  - 3: DDR3 STD 1.5V & IVORY
  - 4: DDR3 STD & IVORY 5: STD & IVORY
- PIN NUMBER CODE:
  - 204: 204 PINS



ALL CONTACT TAILS AND PEGS

TABLE

| NUMBER           | PLATED(TERMINAL) |
|------------------|------------------|
| J4319-204X6XHF44 | Au 30u"          |
| J4319-204X5XHF44 | Au 20u"          |
| J4319-204X4XHF44 | Au 15u"          |
| J4319-204X3XHF44 | Au 10u"          |
| J4319-204X2XHF44 | Au 5u"           |
| J4319-204X1XHF44 | GOLD FLASH       |
| UNMBER           | PLATED(TERMINAL) |



DIMENSIONS:  
 MM [INCH]  INCH [MM]  MM ONLY

UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE:

DECIMALS ANGLES  
 X. ±0.38 [0.015] X° ±2°  
 .X ±0.25 [0.010] .X° ±1.0°  
 .XX ±0.15 [0.006]

CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE

THIRD ANGLE PROJECTION

JJP Jen Jia Precision Technology Co., Ltd.

| TITLE       |                  | DDRIII SO DIMM 5.2H STD ASS'Y |                       |
|-------------|------------------|-------------------------------|-----------------------|
| PART NO.    | J4319-204XXXHF44 | APPROVED BY                   | JASON MENG            |
| DRAWING NO. | J4319-204XXXHF44 | CHECKED BY                    | STEVEN LIU            |
| MATERIAL    |                  | DRAWN BY                      | Darren Xia            |
| FINISH      |                  | GENERATD DATE                 | 2013-07-24            |
| SCALE       | SHEET            | REV.                          | SIZE: A4              |
| FREE        | 1/5              | 1                             | FILE NO.:JJP-A-05-003 |

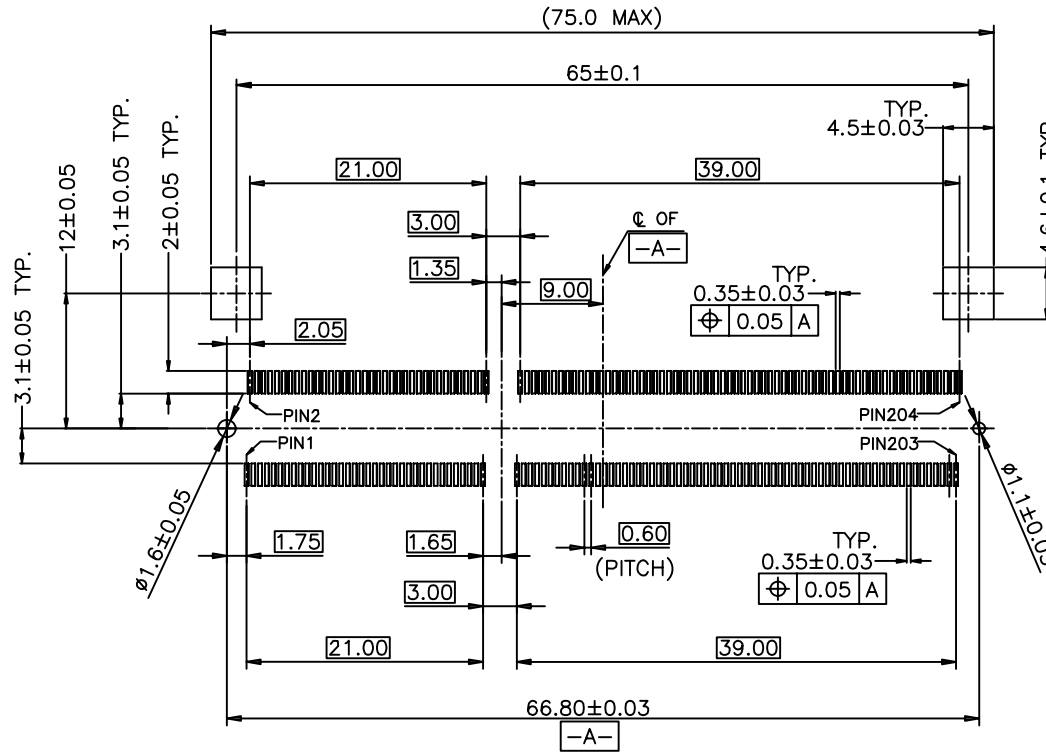
DO NOT SCALE DRAWING

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|-----|---------|------------------|-------------|------------|
| 1   |         | PROPOSAL DRAWING | JASON MENG  | 2013-07-24 |



RECOMMENDED PCB LAYOUT

STANDARD TYPE

DO NOT SCALE DRAWING

DIMENSIONS:  
 MM [INCH]    INCH [MM]    MM ONLY  
 UNLESS OTHERWISE SPECIFIED,  
 GENERAL TOLERANCE:  
 DECIMALS      ANGLES  
 X. ±0.38 [0.015]   X° ±2°  
 .X ±0.25 [0.010]   .X° ±1.0°  
 .XX ±0.15 [0.006]

CAD GENERATED DRAWING,  
 DO NOT MANUALLY UPDATE

THIRD ANGLE PROJECTION



**JJP** Jen Jia Precision Technology Co., Ltd.

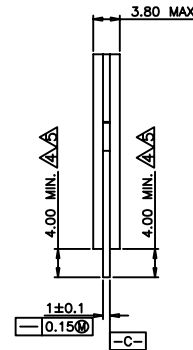
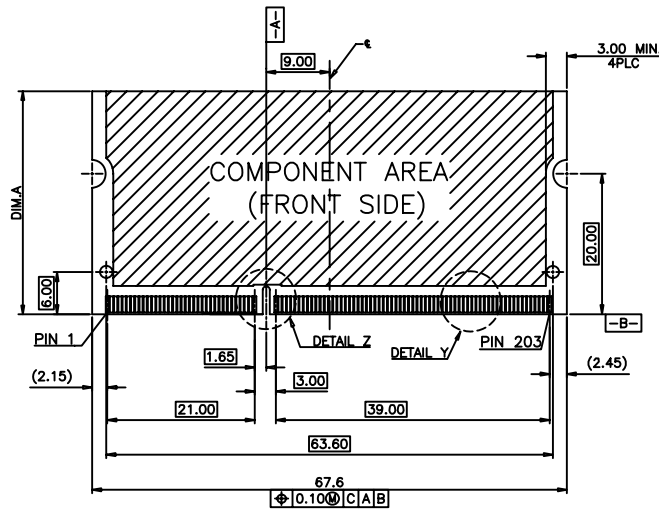
|             |                 |                               |                       |
|-------------|-----------------|-------------------------------|-----------------------|
| TITLE       |                 | DDRIII SO DIMM 5.2H STD ASS'Y |                       |
| PART NO.    | J4319-204XXHF44 | APPROVED BY                   | JASON MENG            |
| DRAWING NO. | J4319-204XXHF44 | CHECKED BY                    | STEVEN LIU            |
| MATERIAL    |                 | DRAWN BY                      | Darren Xia            |
| FINISH      |                 | GENERATD DATE                 | 2013-07-24            |
| SCALE       | SHEET           | REV.                          | SIZE: A4              |
| FREE        | 2/5             | 1                             | FILE NO.:JJP-A-05-003 |

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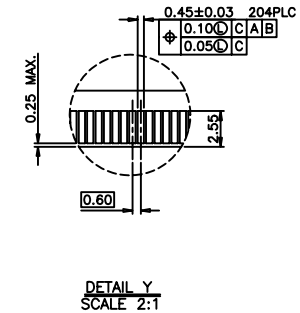
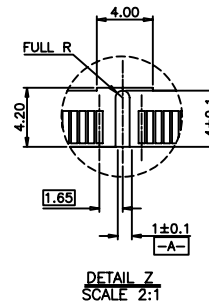
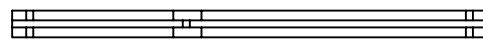
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REVISIONS

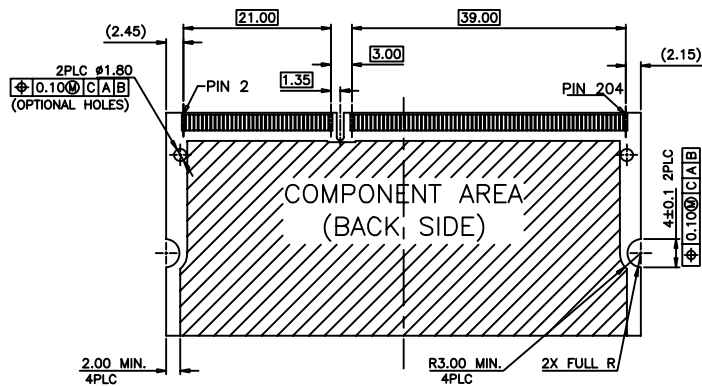
| REV | ECN NO. | DESCRIPTION      | APPROVED BY | DATE       |
|-----|---------|------------------|-------------|------------|
| 1   |         | PROPOSAL DRAWING | JASON MENG  | 2013-07-24 |



- NOTE:
- TOLERANCES ON ALL DIMENSIONS  $\pm 0.15$  UNLESS OTHERWISE SPECIFIED.
  - P.C.BOARD THICKNESS APPLIES ACROSS TABS AND INCLUDES PLATING AND/OR MENTAIZATION.
  - FINISH OF PAD:GOLD PLATING 0.00076MIN OVER ON PLATING 0.002MIN.
  - DIMENSIONS APPLICABLE WHEN COMPONENTS MOUNTED ON BOTH SIDE. PCB THICKNESS NOT TO BE EXCEEDED OUTSIDE OF COMPONENT AREA.
  - BORDER OF COMPONENT AREA.
  - REFER TO JEDEC SPEC. MO-268 FOR COMPLETE MODULE.



|        |                  |
|--------|------------------|
| 30.00  | CA               |
| 31.75  | BA               |
| 25.40  | AA               |
| DIM. A | SDRAM VARIATIONS |



RECOMMENDED MATING P.C.B CONFIGURATION

DIMENSIONS:  
 MM [INCH]  INCH [MM]  MM ONLY  
 UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE:  
 DECIMALS ANGLES  
 X.  $\pm 0.38$  [0.015] X\*  $\pm 2^\circ$   
 .X  $\pm 0.25$  [0.010] .X\*  $\pm 1.0^\circ$   
 .XX  $\pm 0.15$  [0.006]

JJP Jen Jia Precision Technology Co., Ltd.

TITLE DDRIII SO DIMM 5.2H STD ASS'Y

PART NO. J4319-204XXHF44 APPROVED BY JASON MENG

DRAWING NO. J4319-204XXHF44 CHECKED BY STEVEN LIU

MATERIAL DRAWN BY Darren Xia

FINISH GENERATD DATE 2013-07-24

SCALE FREE SHEET 3/5 REV. 1 SIZE: A4  
 FILE NO.:JJP-A-05-003

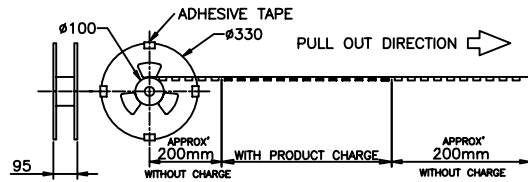
DO NOT SCALE DRAWING

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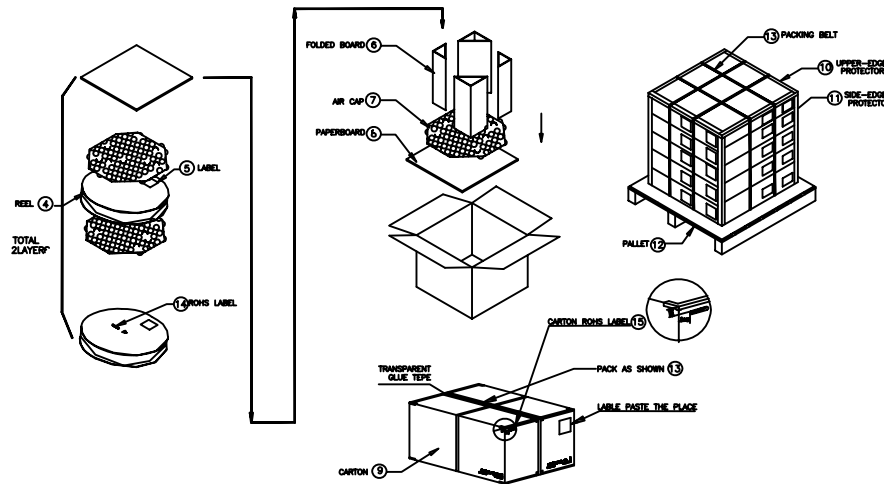
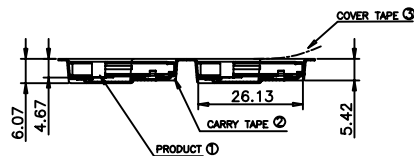
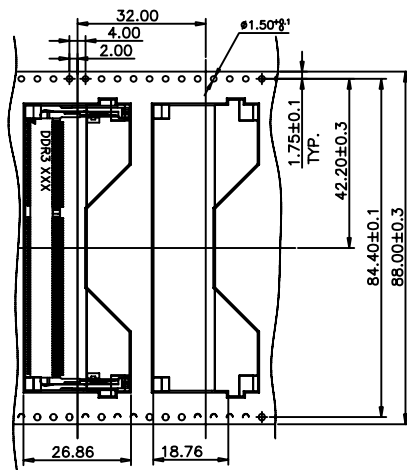
Halogen Free

REVISIONS

| REV | ECN NO. | DESCRIPTION      | APPROVED BY | DATE       |
|-----|---------|------------------|-------------|------------|
| 1   |         | PROPOSAL DRAWING | JASON MENG  | 2013-07-24 |



- NOTES : (FOR TAPE & REEL)  
 PACKAGING MATERIAL IN PLASTIC, RUBBER, INK, PIGMENT AND PAINT MUST MEET RoHS CONTROLLED SUBSTANCES SPEC.  
 \* CADMIUM AND CADMIUM COMPOUNDS NOT TO EXCEED:5 PPM.  
 \* LEAD, CADMIUM, CHROM VI AND MERCURY NOT TO EXCEED: 100 PPM (COMBINED).  
 \* CARRIER TAPES, COVER TAPES, REELS AND TAPED COMPONENTS MUST MEET THE REQUIREMENTS DEFINED PER EIA-481-B.
- MATERIAL :  
 COVER TAPE : ANTISTATIC P.S, COLOR: TRANSPARENT.  
 CARRIER TAPE : HIPS, COLOR: BLACK.  
 REEL : PS, COLOR: BLUE.  
 CARTON: CORRUGATED FIBER.
  - QUANTITY : SEE TABLE
  - WEIGHT : SEE TABLE
  - PEELING RESISTANCE : 10gf~150gf (for 88mm)
  - PEELING SPEED : 300mm/MINUTES



DO NOT SCALE DRAWING

DIMENSIONS:  
 MM [INCH]  INCH [MM]  MM ONLY  
 UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE:  
 DECIMALS ANGLES  
 X. ±0.38 [0.015] X° ±2°  
 .X ±0.25 [0.010] .X° ±1.0°  
 .XX ±0.15 [0.006]

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|             |   |                |                       |
|-------------|---|----------------|-----------------------|
| TITLE       | DDRIII SO DIMM 5.2H STD ASS'Y (TAPE&REEL PACKING) |                |                       |
| PART NO.    | J4319-204XXHF44                                   | APPROVED BY    | JASON MENG            |
| DRAWING NO. | J4319-204XXHF44                                   | CHECKED BY     | STEVEN LIU            |
| MATERIAL    |   | DRAWN BY       | Darren Xia            |
| FINISH      |   | GENERATED DATE | 2013-07-24            |
| SCALE       | SHEET   | REV.           | SIZE: A4              |
| FREE        | 4/5   | 1              | FILE NO.:JJP-A-05-003 |

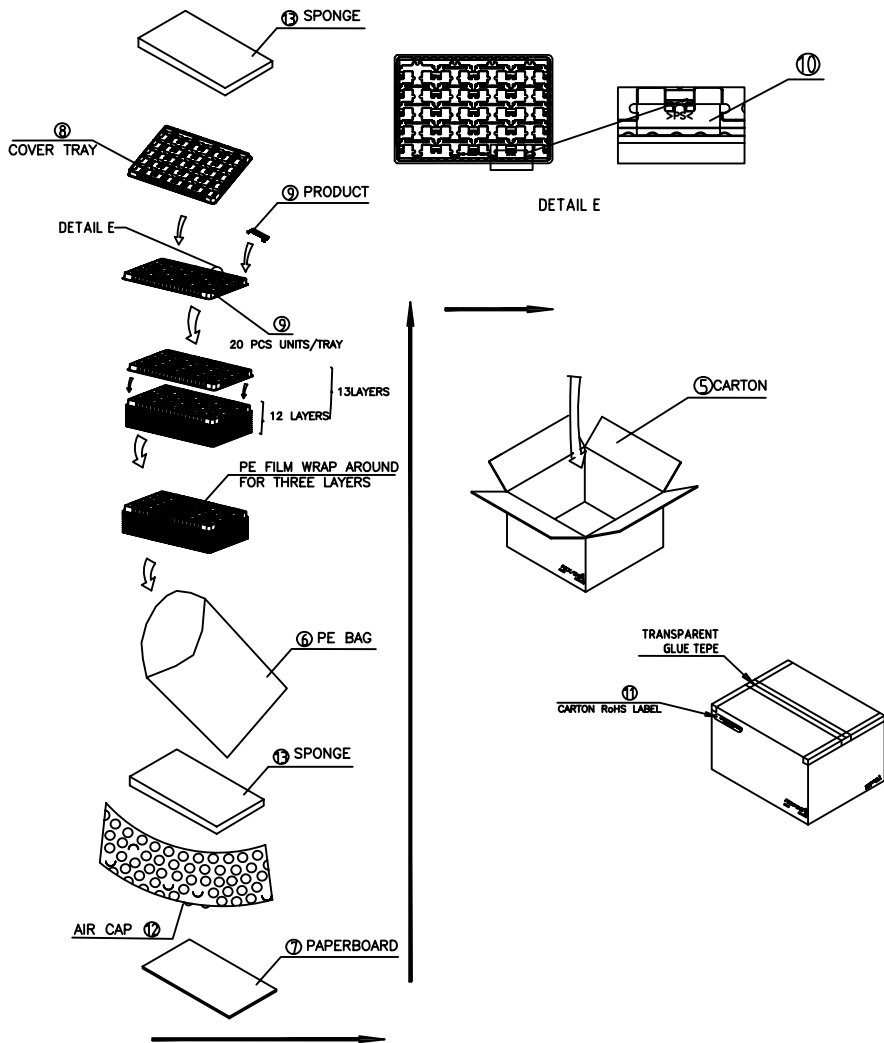


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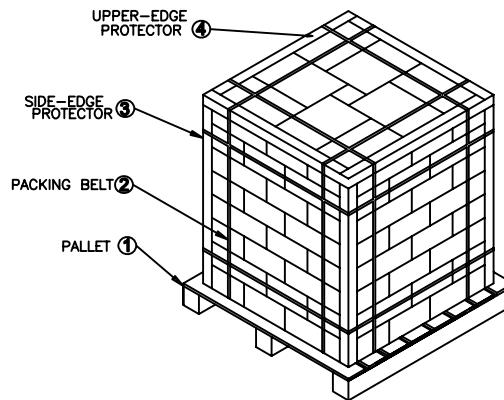
Halogen Free

REVISIONS

| REV | ECN NO. | DESCRIPTION      | APPROVED BY | DATE       |
|-----|---------|------------------|-------------|------------|
| 1   |         | PROPOSAL DRAWING | JASON MENG  | 2013-07-24 |



- NOTES : (FOR TRAY)  
 PACKAGING MATERIAL IN PLASTIC, RUBBER, INK, PIGMENT AND PAINT MUST MEET RoHS CONTROLLED SUBSTANCES SPEC.  
 \* CADMIUM AND CADMIUM COMPOUNDS NOT TO EXCEED:5 PPM.  
 \* LEAD, CADMIUM, CHROM VI AND MERCURY NOT TO EXCEED: 100 PPM (COMBINED).  
 \* CARRIER TAPES, COVER TAPES, REELS AND TAPED COMPONENTS MUST MEET THE REQUIREMENTS DEFINED PER EIA-481-B.
1. MATERIAL :  
 TRAY : PET, COLOR: TRANSPARENT.  
 SPONE : LDPE, COLOR:WHITE.  
 CARTON: CORRUGATED FIBER.
2. QUANTITY : 20PCS/TRAY,240PCS/CARTON.



DO NOT SCALE DRAWING

DIMENSIONS:  
 MM [INCH]     INCH [MM]     MM ONLY

UNLESS OTHERWISE SPECIFIED, GENERAL TOLERANCE:  
 DECIMALS                      ANGLES  
 X. ±0.38 [0.015]              X° ±2°  
 .X ±0.25 [0.010]              .X° ±1.0°  
 .XX ±0.15 [0.006]

**JJP** Jen Jia Precision Technology Co., Ltd.

|             |   |               |                       |
|-------------|---|---------------|-----------------------|
| TITLE       | DDRIII SO DIMM 5.2H STD ASS'Y(TRAY PACKING) |               |                       |
| PART NO.    | J4319-204XXHF44                             | APPROVED BY   | JASON MENG            |
| DRAWING NO. | J4319-204XXHF44                             | CHECKED BY    | STEVEN LIU            |
| MATERIAL    |   | DRAWN BY      | Darren Xia            |
| FINISH      |   | GENERATD DATE | 2013-07-24            |
| SCALE       | SHEET                                       | REV.          | SIZE: A4              |
| FREE        | 5/5   | 1             | FILE NO.:JJP-A-05-003 |

