

## GP Component

| REV. | ECN NO. | LOCATIONS | DESCRIPTION | DATE       | DESIGN   |
|------|---------|-----------|-------------|------------|----------|
| A0   |         |           | Initial     | 2015/11/02 | Phebe Su |

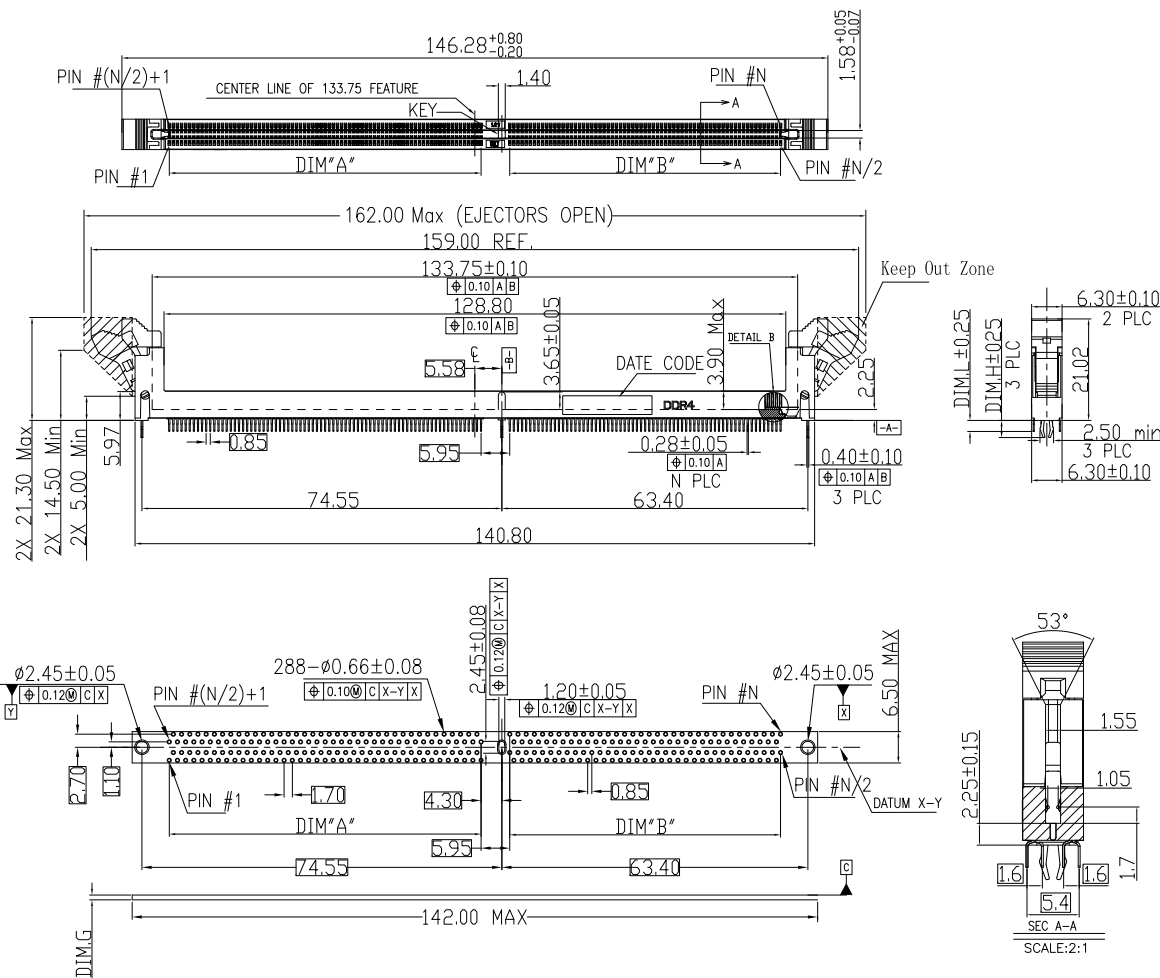


Diagram of a 288-pin connector with labels for PLATING CODE, EAR COLOR, HOUSING COLOR, TAIL LENGTH, and PIN NUMBER CODE.

PLATING CODE: 1: GOLD FLASH 4: GOLD 20u"  
 2: GOLD 15u"  
 3: GOLD 30u"

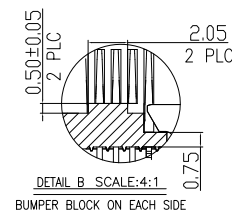
EAR COLOR: 1: BLACK  
 2: WHITE

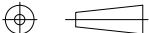
HOUSING COLOR: 1: BLACK 2: WHITE 3: BLUE (284C) 4: BLUE (2935U)  
 5: GREEN

TAIL LENGTH: 0: 2.10 1: 2.40  
 2: 2.70 3: 3.10

PIN NUMBER CODE:  
 288: 288 PINS  
 284: 284 PINS

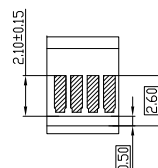
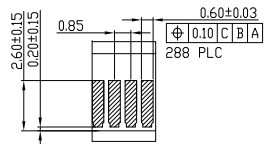
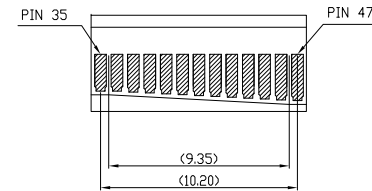
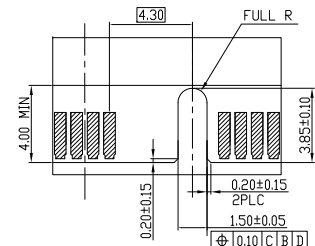
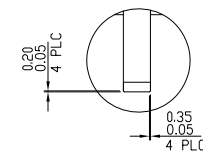
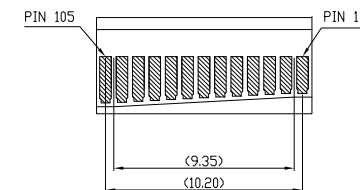
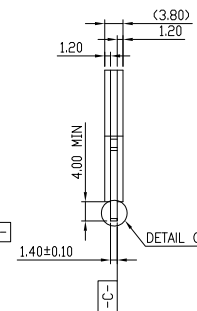
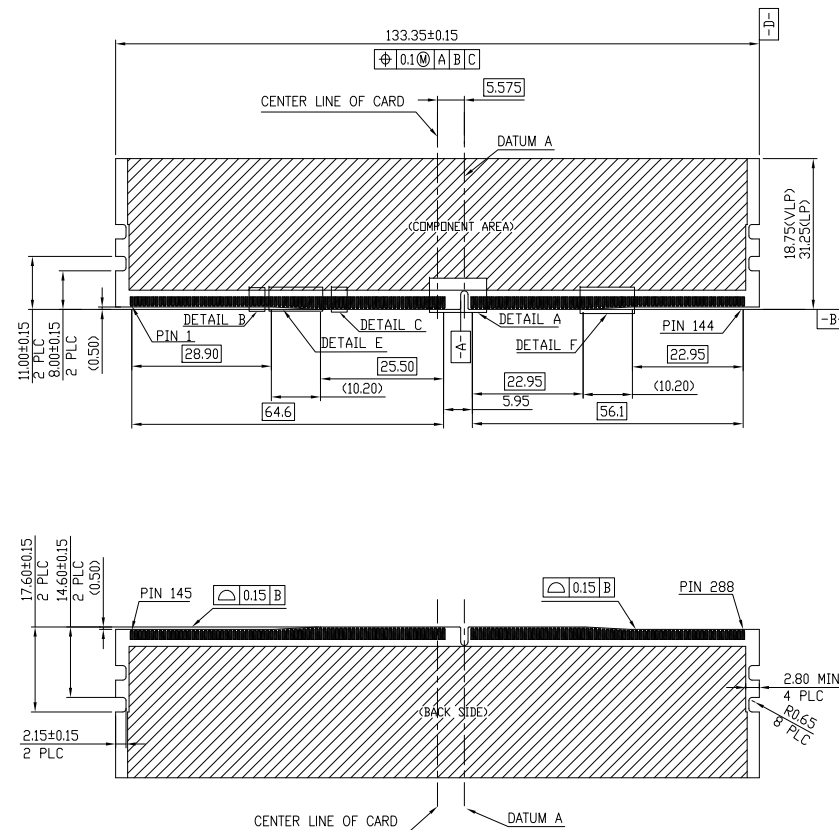
| PART NUMBER   | DIM.L<br>CONTACT TAIL | DIM.H<br>BOARD LOCK | DIM.G<br>PCB |        | PIN NUMBER<br>N=288 | PIN NUMBER<br>N=284 |
|---------------|-----------------------|---------------------|--------------|--------|---------------------|---------------------|
| MDDR4-2880*** | 2.10±0.25             | 3.57±0.25           | (1.40)       | DIM*A* | 64.60               | 63.75               |
| MDDR4-2881*** | 2.40±0.25             | 3.57±0.25           | 1.60         |        |                     |                     |
| MDDR4-2882*** | 2.70±0.25             | 3.57±0.25           | 1.60         | DIM*B* | 56.10               | 55.25               |
| MDDR4-2883*** | 3.10±0.25             | 4.27±0.25           | 2.40         |        |                     |                     |



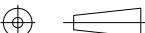
| NO                                                                                                                          | VARIETY        | QTY                                   | MATERIAL                    | REMARK                                         |
|-----------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------------|-----------------------------|------------------------------------------------|
|  <div>Matrix Electronics Co.,Ltd</div> |                |                                       |                             |                                                |
| <b>TOLERANCE:</b><br>X.X<br>X.XX ±0.25<br>X.XXX ±0.20<br>X.XXX ±0.15<br>ANGLE: ±3°                                          |                | <b>DESIGN BY :</b><br>Phebe Su        | <b>DATE :</b><br>2015/11/02 | <b>PART NAME:</b><br>DDR4 288&284PIN CONNECTOR |
|                                                                                                                             |                | <b>CHECKED BY:</b><br>Vicky Hsieh     | <b>DATE :</b><br>2015/11/02 | <b>PART NO.</b><br>MDDR4-XXXXXXX               |
|                                        |                | <b>APPROVED BY1:</b><br>Richard Hsieh | <b>DATE :</b><br>2015/11/02 | <b>MOLD NO.</b><br>NA                          |
| <b>UNIT: mm [inch]</b>                                                                                                      |                | <b>APPROVED BY2:</b><br>Richard Hsieh | <b>DATE :</b><br>2015/11/02 | <b>DRAW NO.</b><br>                            |
| <b>SCALE:1:1</b>                                                                                                            | <b>SIZE:A4</b> |                                       |                             | <b>SHEET NO.</b><br>1 OF 2                     |

## GP Component

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| A0   |         |           | Initial     | 2015/11/02 | Phebe Su |



|        | PIN NUMBER<br>N=288 | PIN NUMBER<br>N=284 |
|--------|---------------------|---------------------|
| DIM"A" | 64.60               | 63.75               |
| DIM"B" | 56.10               | 55.25               |

| NO                                                                                                                          | VARIETY        | QTY                                   | MATERIAL                    | REMARK                                         |               |
|-----------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------------|-----------------------------|------------------------------------------------|---------------|
|  <div>Matrix Electronics Co.,Ltd</div> |                |                                       |                             |                                                |               |
| <b>TOLERANCE:</b><br>X.X      ±0.25<br>X.XX    ±0.20<br>X.XXX   ±0.15<br>ANGLE: ±3°                                         |                | <b>DESIGN BY :</b><br>Phebe Su        | <b>DATE :</b><br>2015/11/02 | <b>PART NAME:</b><br>DDR4 288&284PIN CONNECTOR |               |
|                                                                                                                             |                | <b>CHECKED BY:</b><br>Vicky Hsieh     | <b>DATE :</b><br>2015/11/02 | <b>PART NO.</b>                                | MDDR4-XXXXXXX |
|                                        |                | <b>APPROVED BY1:</b><br>Richard Hsieh | <b>DATE :</b><br>2015/11/02 | <b>MOLD NO.</b>                                | NA            |
| <b>UNIT: mm [inch]</b>                                                                                                      |                | <b>APPROVED BY2:</b><br>Richard Hsieh | <b>DATE :</b><br>2015/11/02 | <b>DRAW NO.</b>                                |               |
| <b>SCALE:1:1</b>                                                                                                            | <b>SIZE:A4</b> |                                       |                             | <b>SHEET NO.</b>                               | 2 OF 2        |