

|                                      |                                       |               |                 |                 |   |                                   |                           |                    |              |  |
|--------------------------------------|---------------------------------------|---------------|-----------------|-----------------|---|-----------------------------------|---------------------------|--------------------|--------------|--|
| spec ref -                           |                                       | dr Nickor Zuo |                 | 2016/09/18      |   | <div>projection</div> <div></div> | <div>mm</div> <div></div> | size A3            | scale 2:1    |  |
| tolerance std<br>ISO 406<br>ISO 1101 | TOLERANCES UNLESS OTHERWISE SPECIFIED |               | eng Jeny Ren    |                 | 2016/10/13  |                                   |                           | ecn no -           |              |  |
|                                      |                                       |               | chr -           |                 | -   |                                   |                           |                    |              |  |
|                                      |                                       |               | appr Nickor Zuo |                 | 2016/10/13  |                                   |                           | product family -   |              |  |
|                                      |                                       |               |                 |                 |   |                                   |                           | rel level Released |              |  |
| surface -<br><div></div><br>ISO 1302 | linear                                | 0.X           | ±0.25           | Amphenol<br>FCI | title<br>DDR4 288 PIN DIMM CONNECTOR<br>SMT TERMINATION | dwg no<br>10141157                | rev<br>A                  |                    |              |  |
|                                      |                                       | 0.XX          | ±0.20           |                 |   |                                   |                           |                    |              |  |
|                                      |                                       | 0.XXX         | ±0.10           |                 |   |                                   |                           |                    |              |  |
|                                      |                                       | angular       | 0°              | ±5°             | www.fci.com   | cat. no. -                        | Product - Customer Drw    |                    | sheet 1 of 4 |  |

DDR4 MODULE  
MORE INFORMATION REFER TO JEDEC MO-309

A

B

C

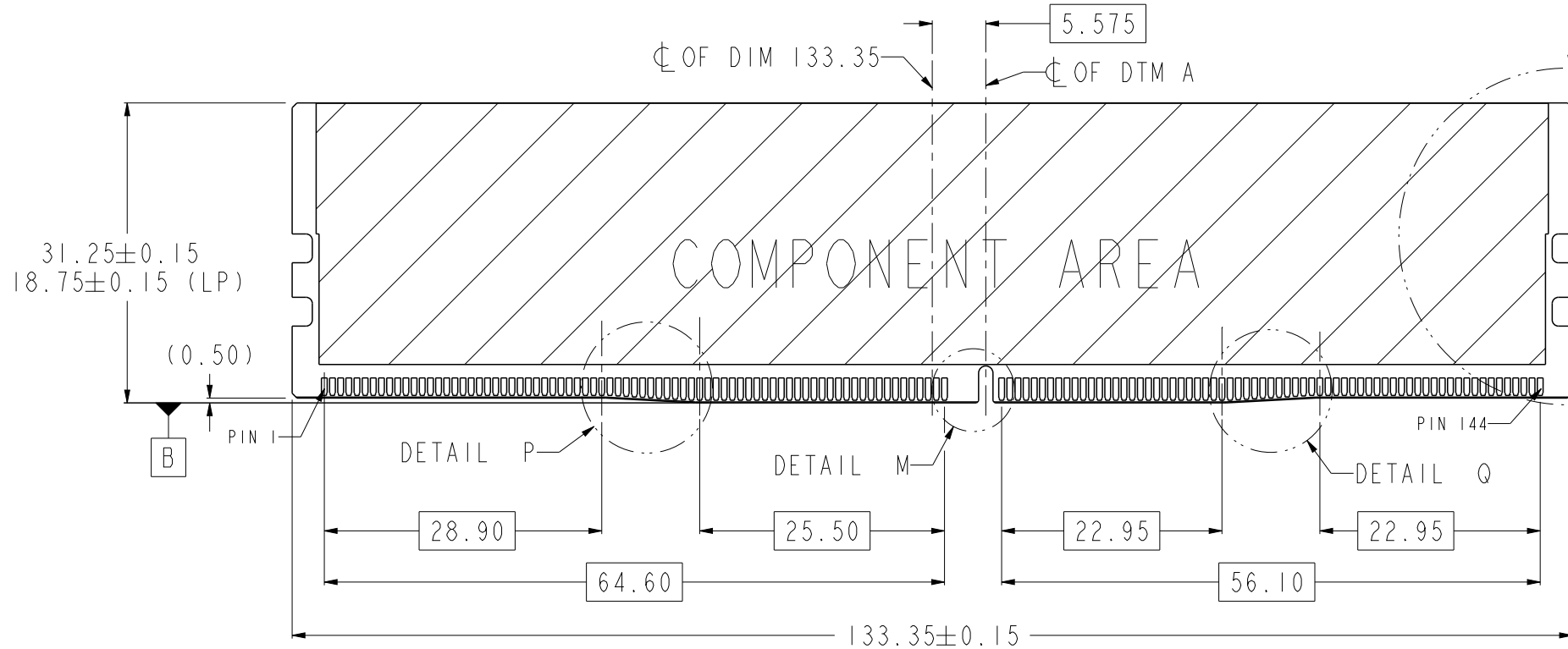
D

A

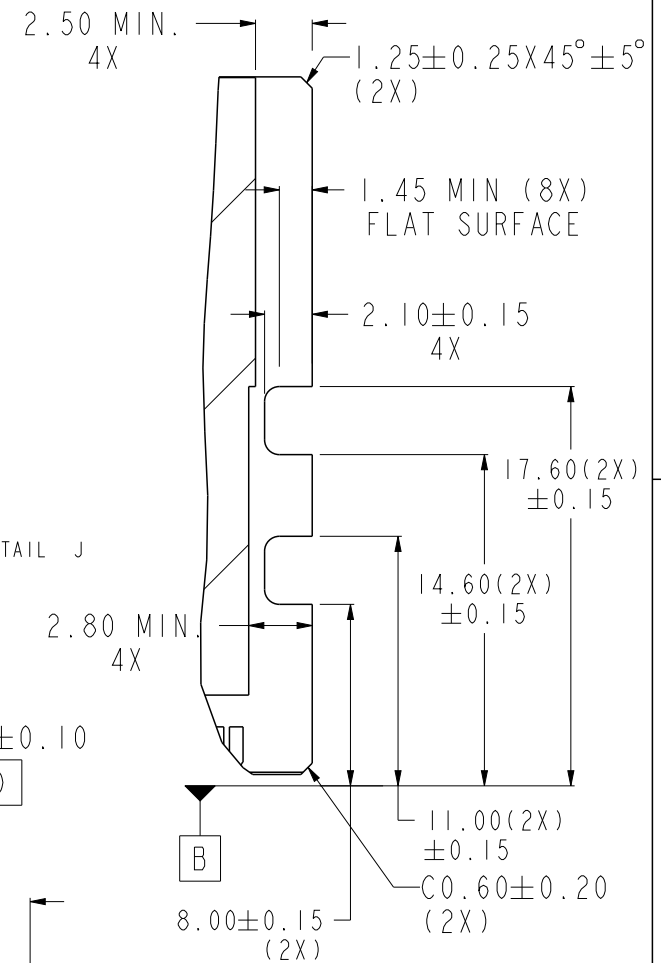
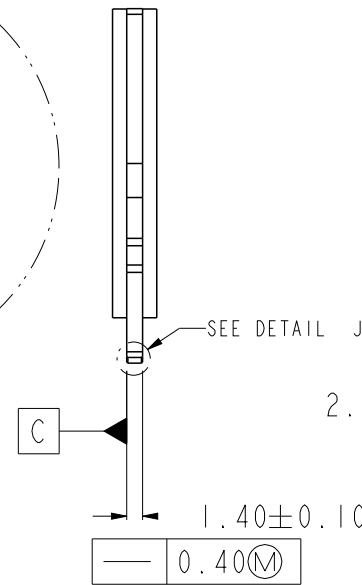
B

C

D

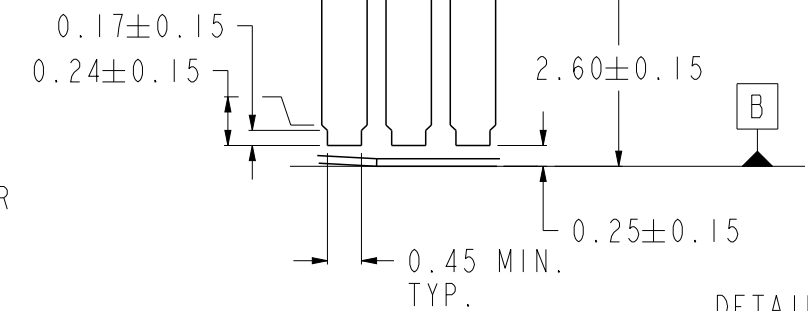


SEE DETAIL N

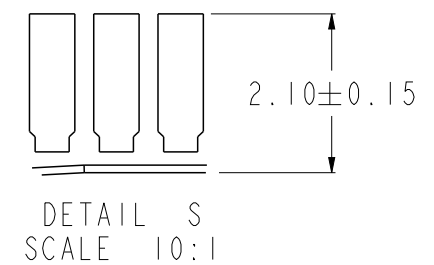


DETAIL N  
SCALE 3:1

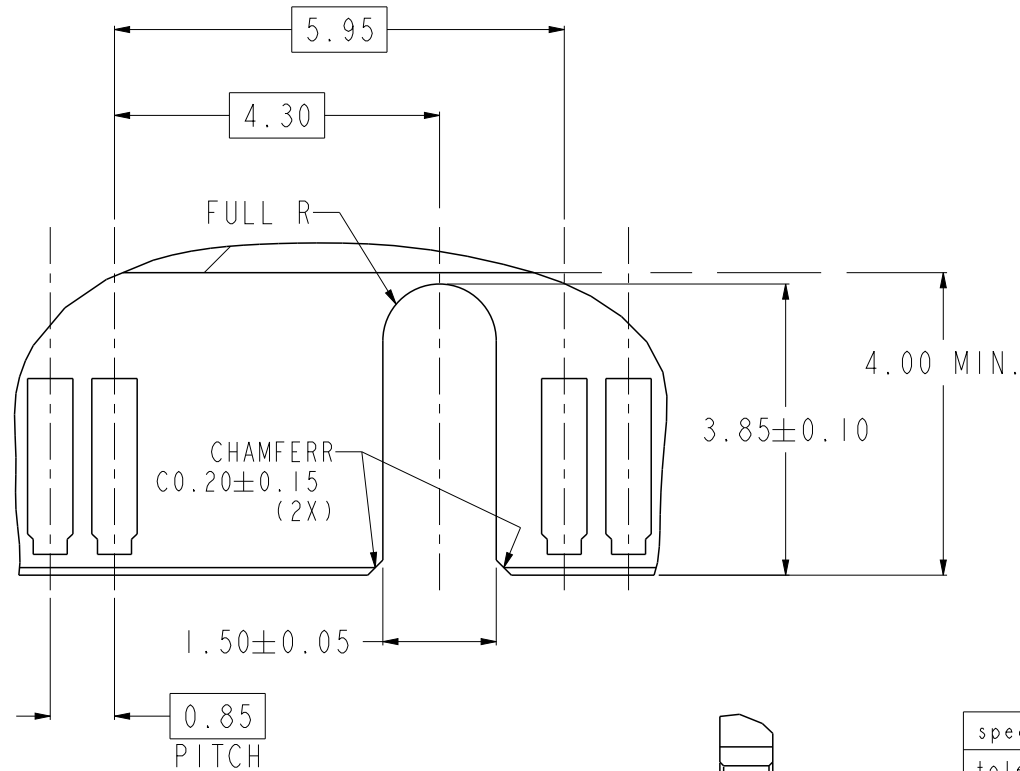
|               |   |   |   |  |
|---------------|---|---|---|--|
| 0.60±0.03 TYP |   |   |   |  |
| ⊕ 0.10        | C | B | A |  |
| ⊕ 0.05        | C |   |   |  |



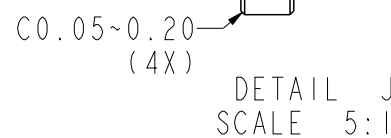
DETAIL R  
SCALE 10:1



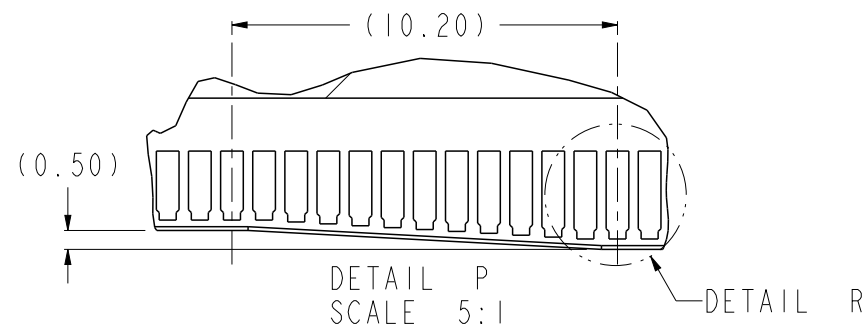
DETAIL S  
SCALE 10:1



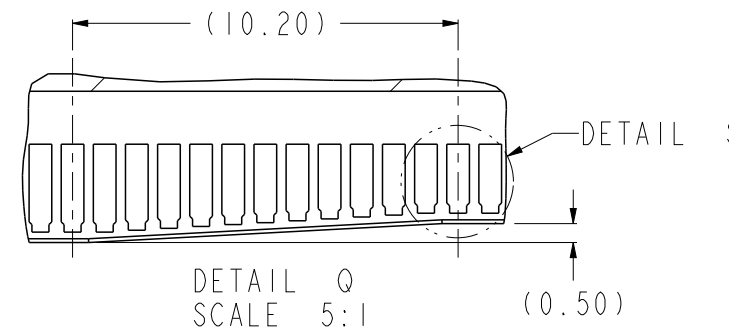
DETAIL M  
SCALE 10:1



DETAIL J  
SCALE 5:1




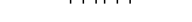
DETAIL P  
SCALE 5:1



DETAIL Q  
SCALE 5:1

|                             |            |      |            |            |                |       |           |          |           |          |
|-----------------------------|------------|------|------------|------------|----------------|-------|-----------|----------|-----------|----------|
| spec ref                    | -          | dr   | Nickor Zuo | 2016/09/18 | projection     | mm    | size      | A3       | scale     | 3:2      |
| tolerance std               | ASME Y14.5 | eng  | Jeny Ren   | 2016/10/13 | chr            | -     | ecn no    | -        | rel level | Released |
| surface                     | -          | appr | Nickor Zuo | 2016/10/13 | product family | -     | rel level | Released | rev       | A        |
| ISO 1302                    | linear     | 0.X  | ±0.25      | 0.XX       | ±0.20          | 0.XXX | ±0.10     | angular  | 0°        | ±5°      |
| Amphenol FCI                |            |      |            |            |                |       |           |          |           |          |
| www.fci.com                 |            |      |            |            |                |       |           |          |           |          |
| DDR4 288 PIN DIMM CONNECTOR |            |      |            |            |                |       |           |          |           |          |
| SMT TERMINATION             |            |      |            |            |                |       |           |          |           |          |
| cat. no.                    |            |      |            |            |                |       |           |          |           |          |
| Product - Customer Drw      |            |      |            |            |                |       |           |          |           |          |
| sheet 2 of 4                |            |      |            |            |                |       |           |          |           |          |



|                                       |  |  |  |                 |  |            |  |   |  |   |  |                          |  |                        |  |              |  |
|---------------------------------------|--|--|--|-----------------|--|------------|--|---|--|---|--|--------------------------|--|------------------------|--|--------------|--|
| spec ref -                            |  |  |  | dr Nickor Zuo   |  | 2016/09/18 |  | projection  |  | mm  |  | size A3                  |  | scale 2:1              |  |              |  |
| tolerance std<br>ISO 406<br>ISO 1101  |  |  |  | eng Jeny Ren    |  | 2016/10/13 |  |  |  |  |  | ecn no -                 |  | rel level Released     |  |              |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |  |  |  | chr -           |  | -          |  |   |  |   |  |                          |  |                        |  |              |  |
| surface -                             |  |  |  | appr Nickor Zuo |  | 2016/10/13 |  | product family -  |  |   |  | rel level Released       |  |                        |  |              |  |
| ISO 1302                              |  |  |  | linear          |  | 0.X        |  | ±0.25   |  | <b>Amphenol FCI</b><br>title DDR4 288 PIN DIMM CONNECTOR<br>SMT TERMINATION           |  | dwg no 10141157<br>rev A |  |                        |  |              |  |
|                                       |  |  |  |                 |  | 0.XX       |  | ±0.20   |  |   |  |                          |  |                        |  |              |  |
|                                       |  |  |  |                 |  | 0.XXX      |  | ±0.10   |  |   |  |                          |  |                        |  |              |  |
| ISO 1302                              |  |  |  | angular         |  | 0°         |  | ±5°   |  | www.fci.com   |  | cat. no. -               |  | Product - Customer Drw |  | sheet 3 of 4 |  |

PRODUCT PART NUMBER

10141157-

ADDITIONAL REQUIREMENTS

2: DEFAULT

HOLD DOWNS CONFIGURATIONS

4: 2 SOLDER TABS AT BOTH END + 1 SMT HOLD DOWN AT MIDDLE

MYLAR AND PACKAGE

0. WITH MYLAR(LENGTH=30mm),HARD TRAY PACKAGE  
2. WITHOUT MYLAR, HARD TRAY PACKAGE

HOUSING COLOR

- 0: NATURAL  
1: BLACK  
2: BLUE

EJECTOR TYPE

| CODE | COLOR   | DIM"X1"<br>MAX.EJECTORS<br>OPEN DISTANCE | DIM"X2"<br>MAX.EJECTORS<br>CLOSE DISTANCE | EJECTOR<br>FIGURE |
|------|---------|--|---|-------------------|
| R    | NATURAL | 157.00                                   | 146.00                                    |                   |
| S    | BLACK   |  |   |                   |
| T    | GREEN   |  |   |                   |

SMT TAIL PLATING

LF: 100u" MIN. MATTE TIN  
TL: 100u" MIN. TIN LEAD

CONTACT AREA PLATING

| CODE | CONTACT AREA  | UNDERPLATING    |
|------|---------------|-----------------|
| 6    | 30u" MIN.GOLD | 90u" MIN.NICKEL |
| 7    | 15u" MIN.GOLD |                 |

CONTACTS LUBRICATION

- 0: WITHOUT  
1: WITH

NOTES:

1. MATERIALS:  
HOUSING: HIGH TEMP THERMOPLASTIC WITH GLASS FIBER, UL94V-0.  
EJECTOR: HIGH TEMP THERMOPLASTIC WITH GLASS FIBER, UL94V-0.  
TERMINAL: COPPER ALLOY  
FORKLOCK: COPPER ALLOY  
SOLDER TAB:COPPER ALLOY
2. STENCIL THICKNESS IS NOT LESS THAN 0.15mm.
3. DATE CODE"MMDDYYL",MMDDYY IS ASSEMBLY DATE,  
L IS FCI PRODUCTION LINE.
4. SPECIFICATION:  
PRODUCTION SPECIFICATION: FCI GS-12-1092.  
PACKAGE SPECIFICATION: FCI GS-14-2267.  
APPLICATION SPECIFICATION: FCI GS-20-0353.
5. THIS PRODUCT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS  
IN REFLOW SOLDERING APPLICATION.
6. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS  
AS DESCRIBED IN GS-47-0004.

|  |            |                             |                                   |    |                        |          |       |              |  |
|--|------------|-----------------------------|-----------------------------------|----|------------------------|----------|-------|--------------|--|
| dr   | Nickor Zuo | 2016/09/18                  | <div>projection</div> <div></div> | mm | size                   | A3       | scale | 1:1          |  |
| eng  | Jeny Ren   | 2016/10/13                  |                                   |    | ecn no                 |          |       | -            |  |
| chr  | -          | -                           |                                   |    | rel level              |          |       | Released     |  |
| appr   | Nickor Zuo | 2016/10/13                  | product family                    |    | -                      |          |       |              |  |
| <div>Amphenol FCI</div> <div>www.fci.com</div> |            | DDR4 288 PIN DIMM CONNECTOR |                                   |    | dwg no                 | 10141157 |       | rev          |  |
|  |            | SMT TERMINATION             |                                   |    |                        |          |       | A            |  |
|  |            | cat. no.                    |                                   | -  | Product - Customer Drw |          |       | sheet 4 of 4 |  |