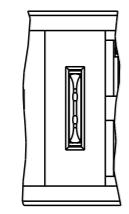
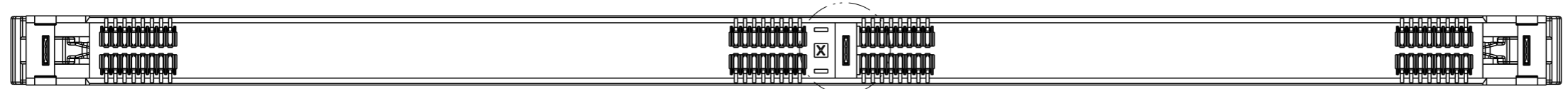
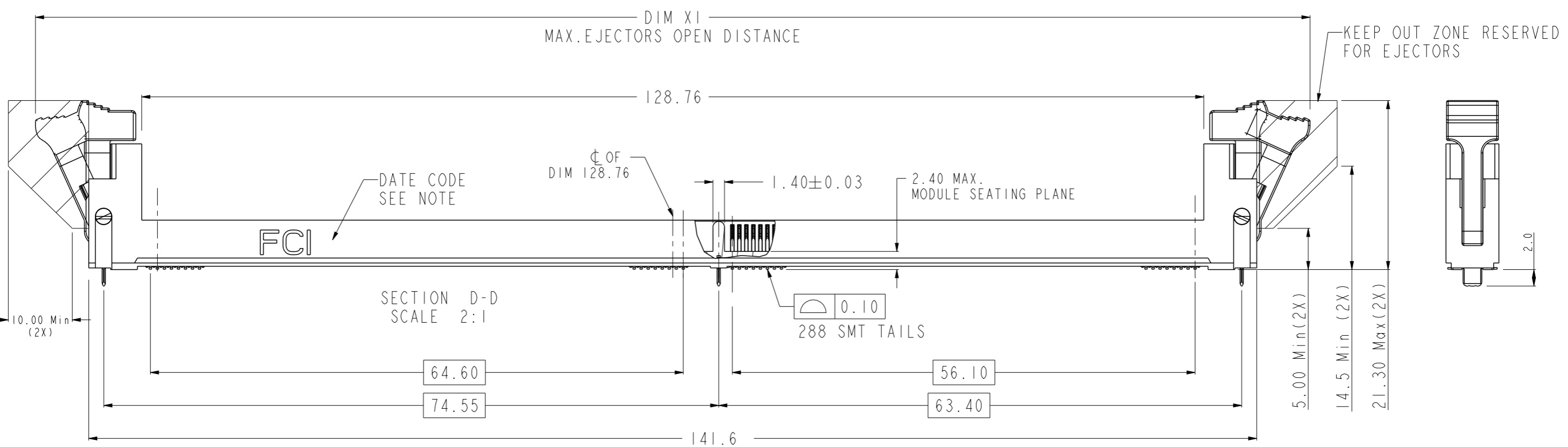
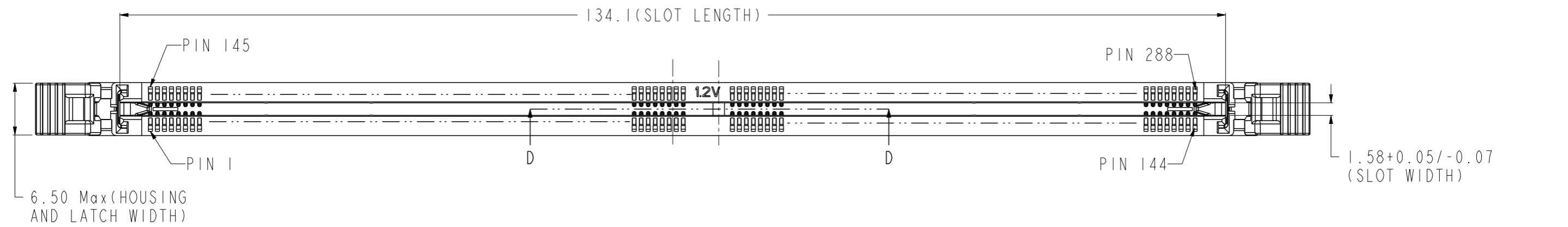
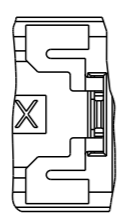


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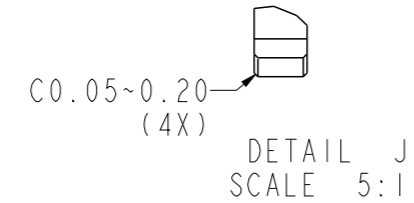
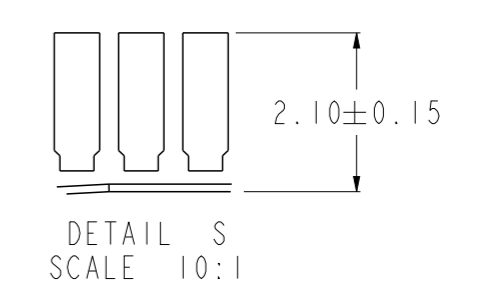
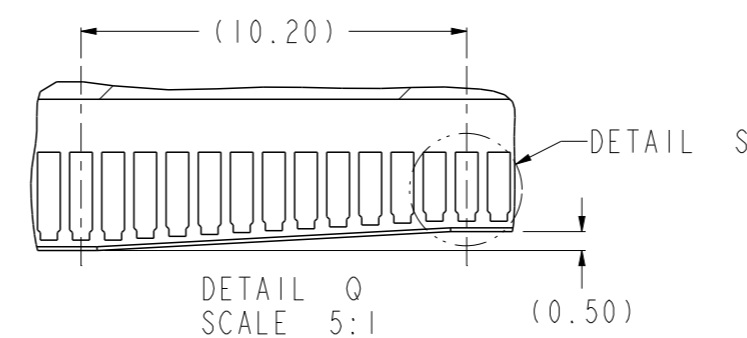
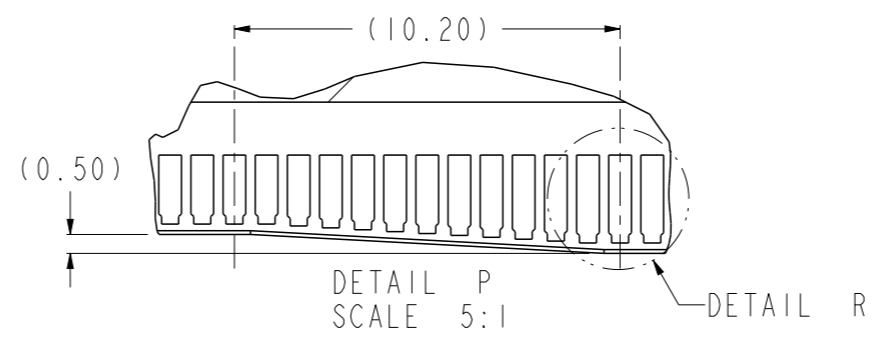
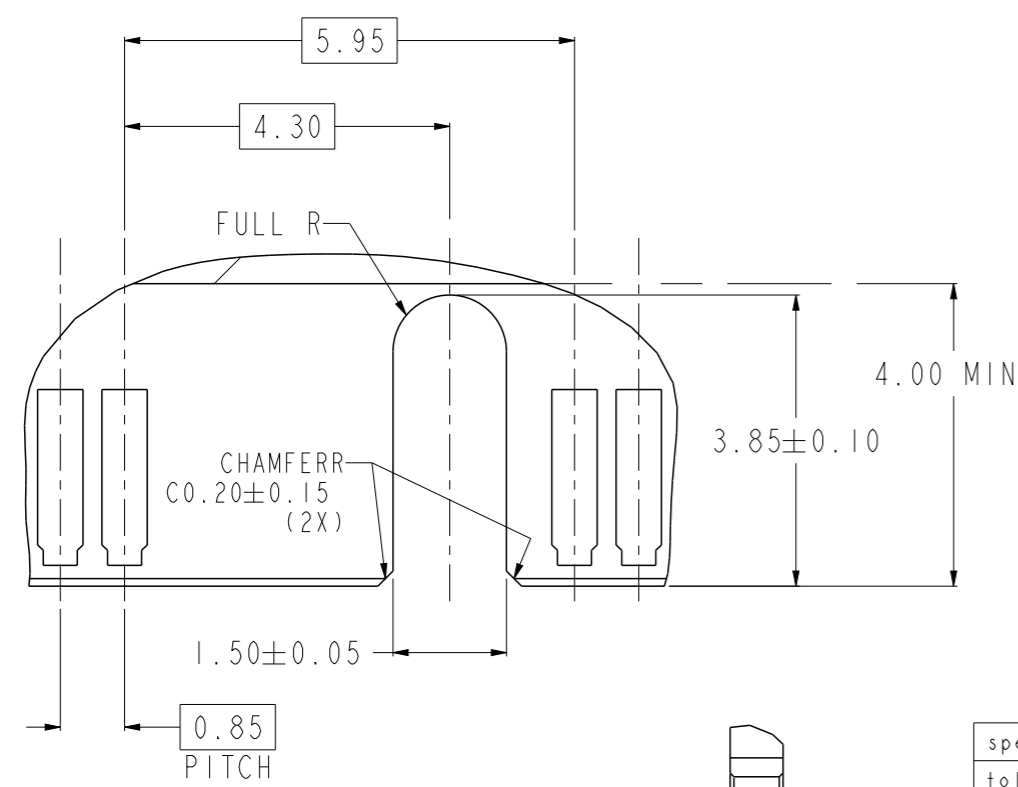
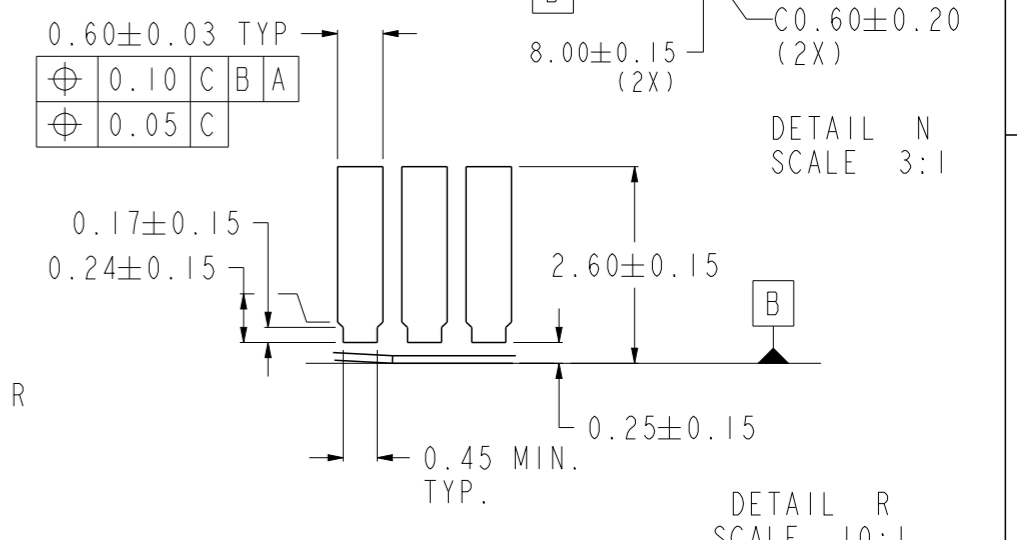
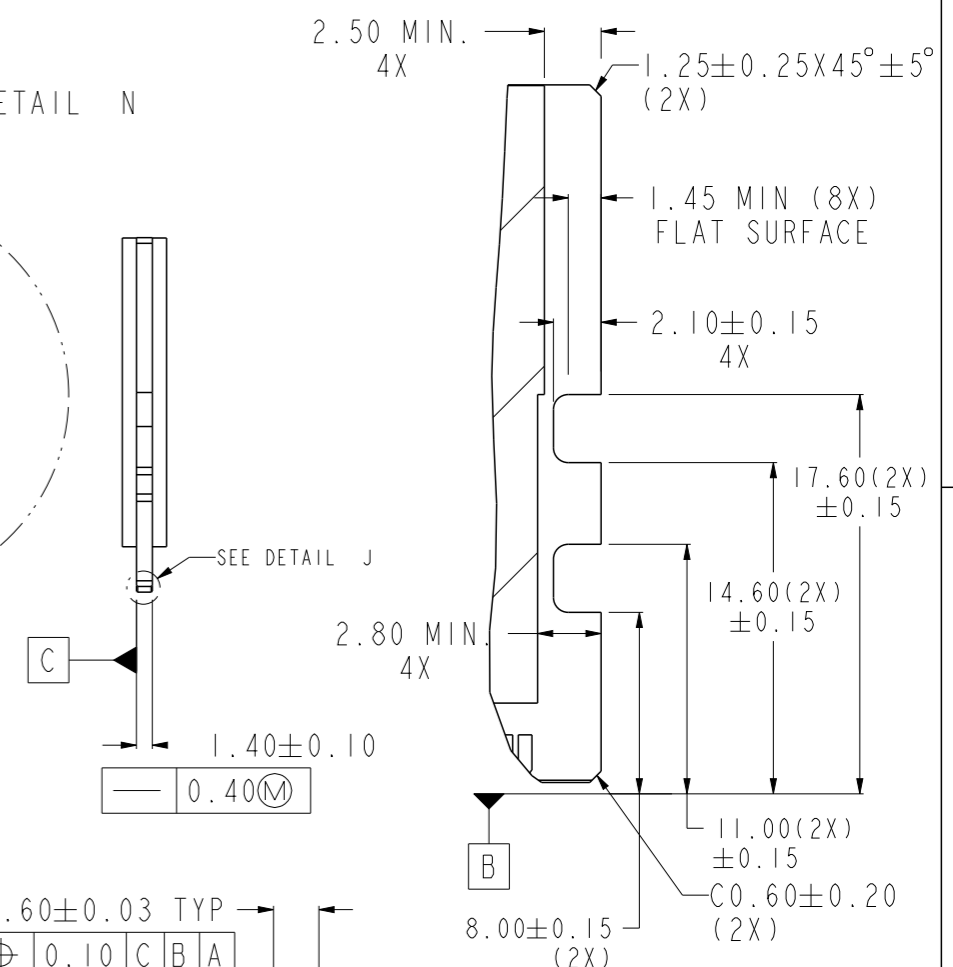
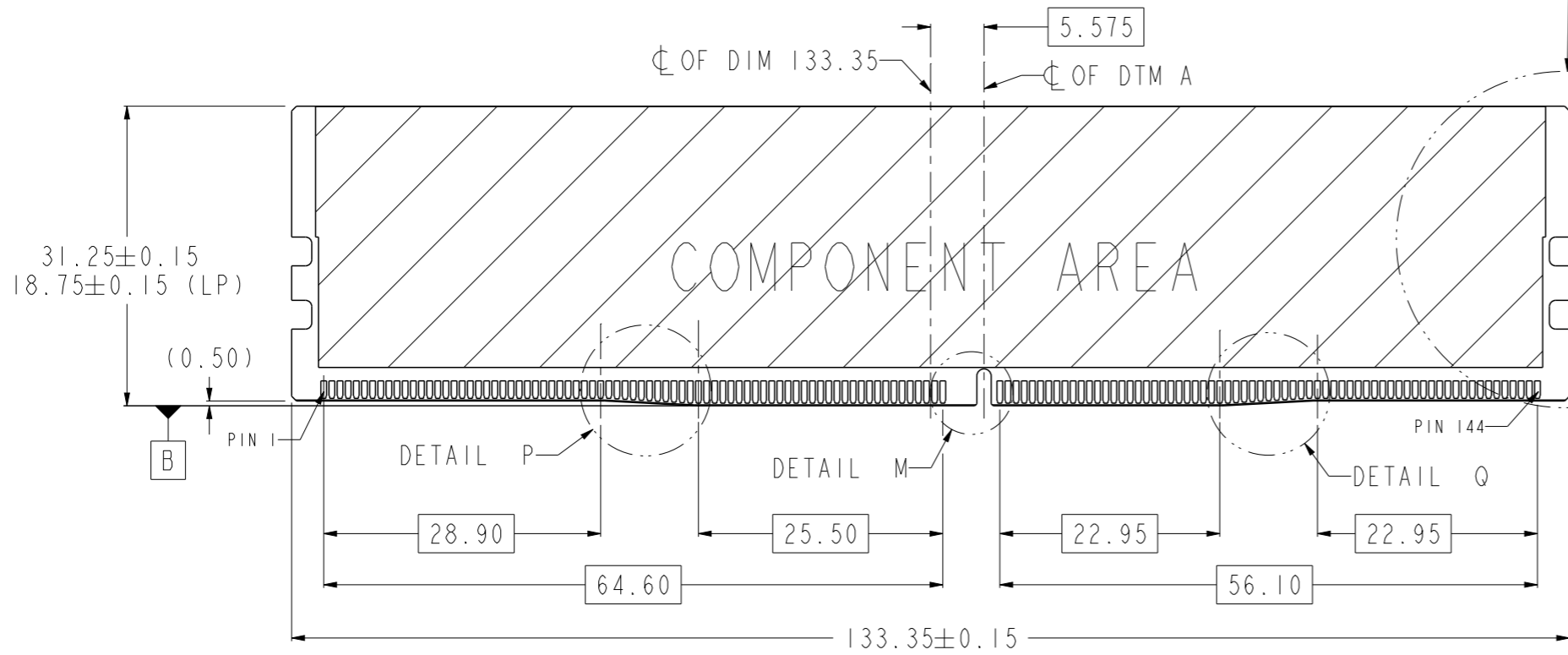
SOLDER BLADE AT MIDDLE  
FOR 10148176-23XXXXXLF  
DETAIL A  
SCALE 4:1



SOLDER TAB AT MIDDLE  
FOR 10148176-24XXXXXLF  
DETAIL A  
SCALE 4:1

|                                       |                     |                 |             |             |                        |    |                             |                |        |          |
|---------------------------------------|---------------------|-----------------|-------------|-------------|------------------------|----|-----------------------------|----------------|--------|----------|
| spec ref                              | -                   | dr              | Nickor Zuo  | 2018/09/25  | projection             | mm | size                        | A3             | scale  | 2:1      |
| tolerance std                         | ISO 406<br>ISO 1101 | eng             | Winston Zhu | 2020/10/22  |                        |    | ecn no                      | ELX-DG-38437-1 |        |          |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |                     | chr             | -           | -           |                        |    | rel level                   | Released       |        |          |
| surface                               | linear              | appr            | Nickor Zuo  | 2020/11/06  | product family         | -  | DDR4 288 PIN DIMM CONNECTOR |                | dwg no | 10148176 |
|                                       | angular             | Amphenol<br>FCi |             | www.fci.com | SMT TERMINATION        |    | rev                         | B              |        |          |
| ISO 1302                              | 0°                  | cat. no.        |             | -           | Product - Customer Drw |    | sheet 1 of 5                |                |        |          |

DDR4 MODULE  
 MORE INFORMATION REFER TO JEDEC MO-309

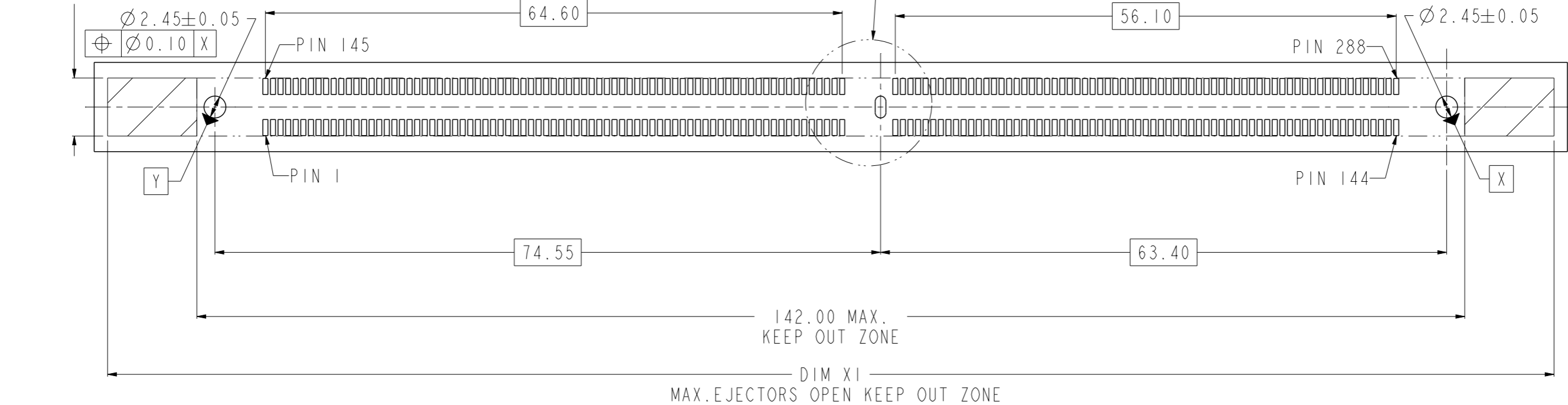


|                                       |            |         |             |            |                                                                       |          |            |                        |              |                |
|---------------------------------------|------------|---------|-------------|------------|-----------------------------------------------------------------------|----------|------------|------------------------|--------------|----------------|
| spec ref                              | -          | dr      | Nickor Zuo  | 2018/09/25 | projection                                                            | mm       | size       | A3                     | scale        | 3:2            |
| tolerance std                         | ASME Y14.5 | eng     | Winston Zhu | 2020/10/22 |                                                                       |          | ecn no     | ELX-DG-38437-1         | rel level    | Released       |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |            | chr     | -           | apppr      |                                                                       |          | Nickor Zuo | 2020/11/06             |              | product family |
| surface                               | ISO 1302   | linear  | 0.X         | ±0.30      | <b>Amphenol FCI</b><br>DDR4 288 PIN DIMM CONNECTOR<br>SMT TERMINATION |          | dwg no     | 10148176               | rev          | B              |
|                                       |            | angular | 0°          | ±5°        | www.fci.com                                                           | cat. no. | -          | Product - Customer Drw | sheet 2 of 5 |                |

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RECOMMENDED PCB LAYOUT  
MORE INFORMATION REFER TO JEDEC SO-017

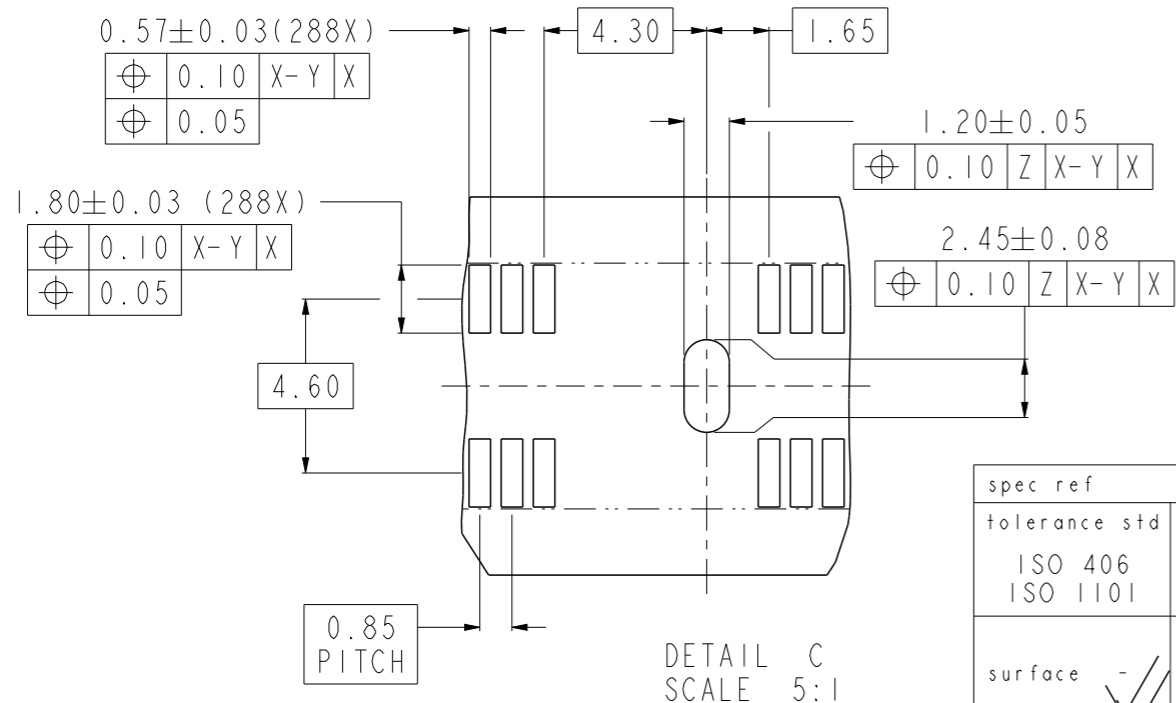
6.50 MAX.  
KEEP OUT ZONE



THICKNESS  
1.6~3.2mm

ADDITIONAL NOTES:

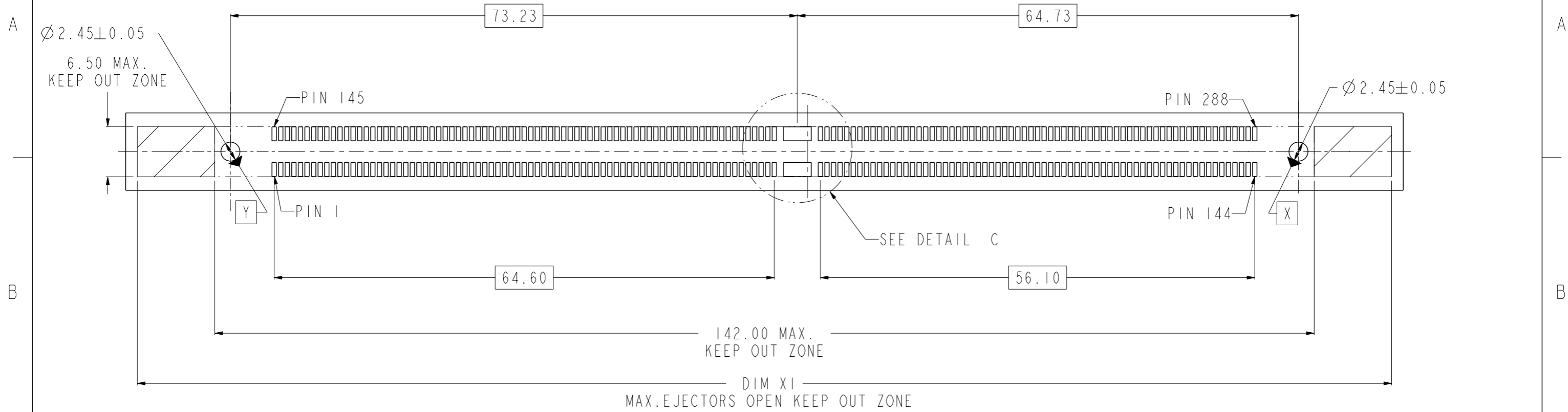
1. RECOMMENDED STENCIL THICKNESS IS NOT LESS THAN 0.15mm
2. THIS PCB LAYOUT IS APPLICABLE FOR 10148176-23XXXXXLF



DETAIL C  
SCALE 5:1

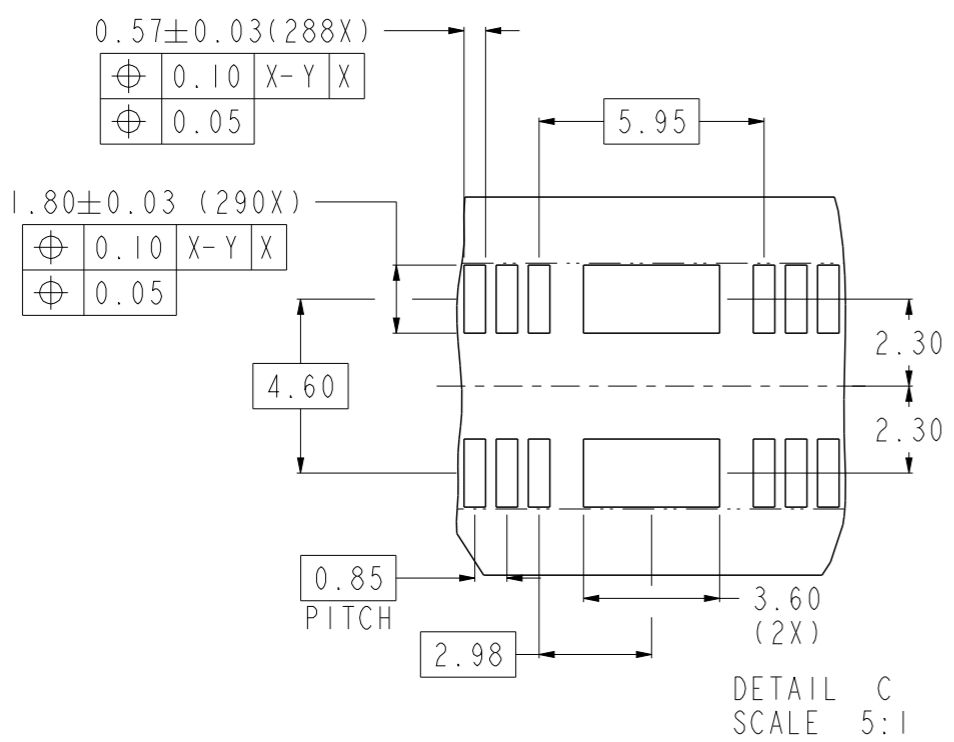
|               |                                        |                                    |             |                                                |            |              |            |                |                |          |
|---------------|----------------------------------------|------------------------------------|-------------|------------------------------------------------|------------|--------------|------------|----------------|----------------|----------|
| spec ref      | -                                      | dr                                 | Nickor Zuo  | 2018/09/25                                     | projection | mm           | size       | A3             | scale          | 2:1      |
| tolerance std | ISO 406<br>ISO 1101                    | eng                                | Winston Zhu | 2020/10/22                                     |            |              | ecn no     | ELX-DG-38437-1 | rel level      | Released |
| surface       | ISO 1302                               | chr                                | -           | apppr                                          |            |              | Nickor Zuo | 2020/11/06     | product family | -        |
| linear        | 0.X ±0.30<br>0.XX ±0.20<br>0.XXX ±0.10 | <b>Amphenol FCI</b><br>www.fci.com |             | DDR4 288 PIN DIMM CONNECTOR<br>SMT TERMINATION |            | dwg no       | 10148176   | rev            | B              |          |
| angular       | 0° ±5°                                 | cat. no.                           | -           | Product - Customer Drw                         |            | sheet 3 of 5 |            |                |                |          |

RECOMMENDED PCB LAYOUT  
MORE INFORMATION REFER TO JEDEC SO-017



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ADDITIONAL NOTES:

1. RECOMMENDED STENCIL THICKNESS IS NOT LESS THAN 0.15mm
2. THIS PCB LAYOUT IS APPLICABLE FOR 10148176-24XXXXLF

|               |                     |         |             |            |                                    |    |            |                                                |                |                        |              |
|---------------|---------------------|---------|-------------|------------|------------------------------------|----|------------|------------------------------------------------|----------------|------------------------|--------------|
| spec ref      | -                   | dr      | Nickor Zuo  | 2018/09/25 | projection                         | mm | size       | A3                                             | scale          | 2:1                    |              |
| tolerance std | ISO 406<br>ISO 1101 | eng     | Winston Zhu | 2020/10/22 |                                    |    | ecn no     | ELX-DG-38437-1                                 |                |                        |              |
| surface       | ISO 1302            | chr     | -           | apppr      |                                    |    | Nickor Zuo | 2020/11/06                                     | product family | -                      | rel level    |
|               |                     | linear  | 0.X         | ±0.30      | <b>Amphenol FCI</b><br>www.fci.com |    |            | DDR4 288 PIN DIMM CONNECTOR<br>SMT TERMINATION |                | rev                    | B            |
|               |                     | angular | 0°          | ±5°        |                                    |    |            | cat. no.                                       | -              | Product - Customer Drw | sheet 4 of 5 |

PRODUCT PART NUMBER

10148176-□□□□□□□□

ADDITIONAL REQUIREMENTS

2: DEFAULT

HOLD DOWNS CONFIGURATIONS

3: 3 SOLDER BLADES  
 4: 2 SOLDER BLADES AT BOTH END +  
 1 SOLDER TAB(SMT HOLD DOWN) AT MIDDLE

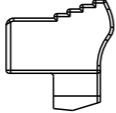
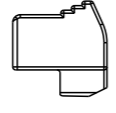
MYLAR AND PACKAGE

0: WITH MYLAR, HARD TRAY PACKAGE  
 1: WITHOUT MYLAR AND CAP, HARD TRAY PACKAGE  
 2: WITH CAP, HARD TRAY PACKAGE

HOUSING COLOR

0: NATURAL  
 1: BLACK  
 2: BLUE

EJECTOR TYPE

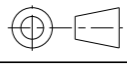
| CODE | COLOR   | DIM"X1"<br>MAX.EJECTORS<br>OPEN DISTANCE | LATCH FIGURE                                                                         |
|------|---------|------------------------------------------|--------------------------------------------------------------------------------------|
| J    | NATURAL | 156.00                                   |  |
| K    | BLACK   |                                          |                                                                                      |
| 3    | NATURAL | 152.00                                   |  |
| 4    | BLACK   |                                          |                                                                                      |

CONTACT AREA PLATING

| CODE | CONTACT AREA  |
|------|---------------|
| 11LF | 15u" MIN.GOLD |
| 13LF | 30u" MIN.GOLD |

NOTES:

- MATERIALS:  
 HOUSING: PA9T  
 EJECTOR: PA9T  
 TERMINAL: COPPER ALLOY  
 FORKLOCK: COPPER ALLOY  
 SOLDER TAB: COPPER ALLOY
- STENCIL THICKNESS IS NOT LESS THAN 0.15mm.
- DATE CODE "MMDDYYL", MMDDYY IS ASSEMBLY DATE, L IS FCI PRODUCTION LINE.
- SPECIFICATION:  
 PRODUCTION SPECIFICATION: FCI GS-12-1092.  
 PACKAGE SPECIFICATION: FCI GS-14-2267.  
 APPLICATION SPECIFICATION: FCI GS-20-0353.
- LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN FCI GS-22-008.
- THIS PRODUCT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN REFLOW SOLDERING APPLICATION.

|               |                     |      |             |            |                                                                                       |        |                |                        |           |              |
|---------------|---------------------|------|-------------|------------|---------------------------------------------------------------------------------------|--------|----------------|------------------------|-----------|--------------|
| spec ref      | -                   | dr   | Nickor Zuo  | 2018/09/25 | projection                                                                            | mm     | size           | A3                     | scale     | 1:1          |
| tolerance std | ISO 406<br>ISO 1101 | eng  | Winston Zhu | 2020/10/22 |  | ← →    | ecn no         | ELX-DG-38437-1         |           |              |
| surface       | linear              | chr  | -           | -          |                                                                                       |        | product family | -                      | rel level | Released     |
|               | angular             | appr | Nickor Zuo  | 2020/11/06 | Amphenol FCI                                                                          |        | product family | Product - Customer Drw | cat. no.  | -            |
|               |                     |      |             |            | DDR4 288 PIN DIMM CONNECTOR                                                           | dwg no | 10148176       |                        | rev       | B            |
|               |                     |      |             |            | SMT TERMINATION                                                                       |        |                |                        |           |              |
|               |                     |      |             |            |                                                                                       |        |                |                        |           | sheet 5 of 5 |