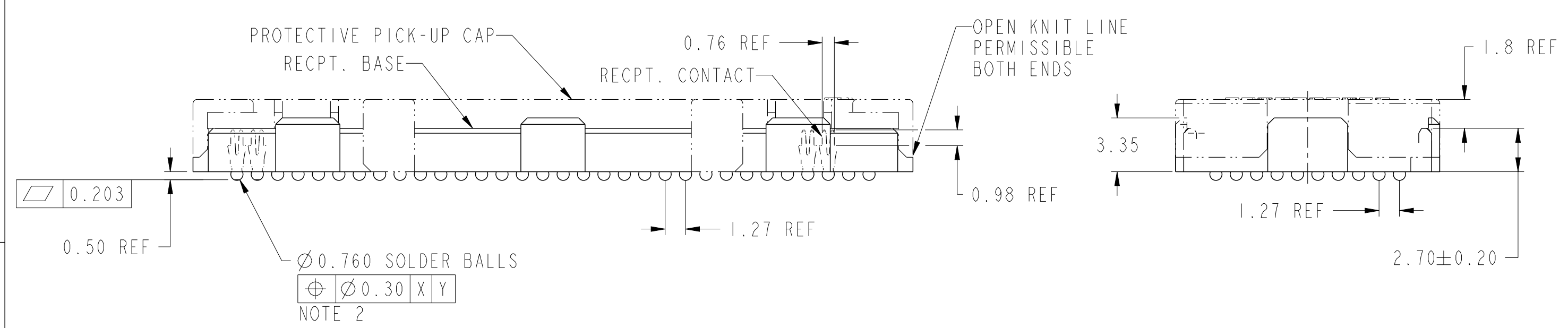
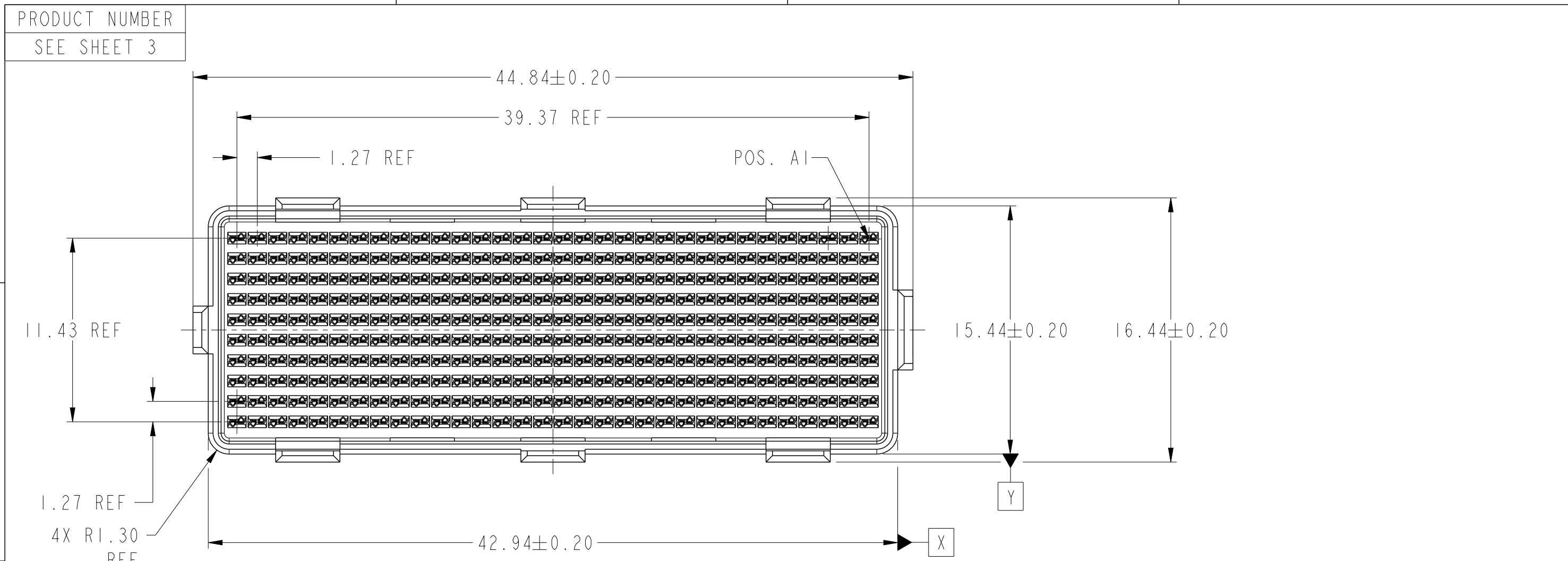
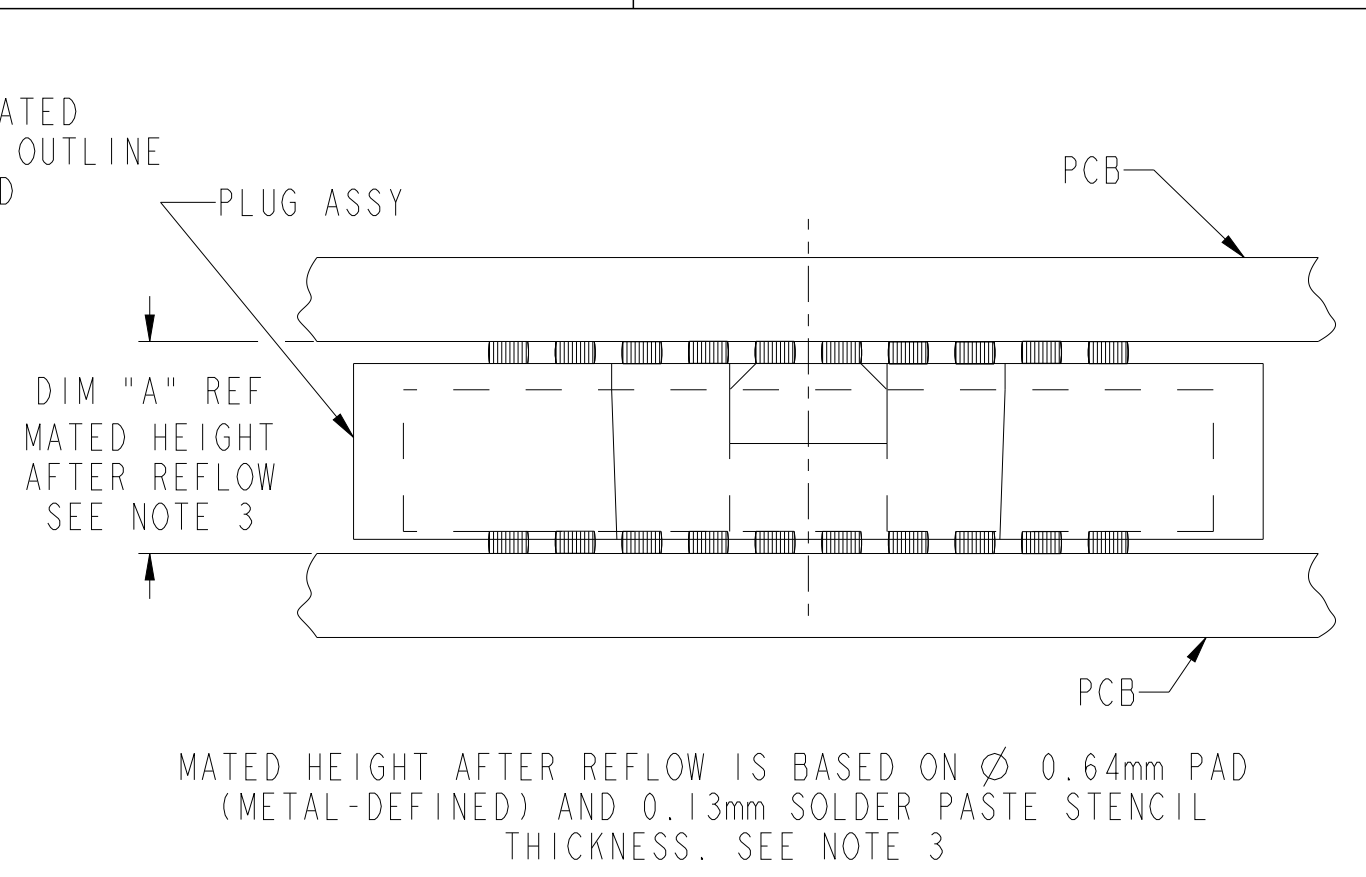
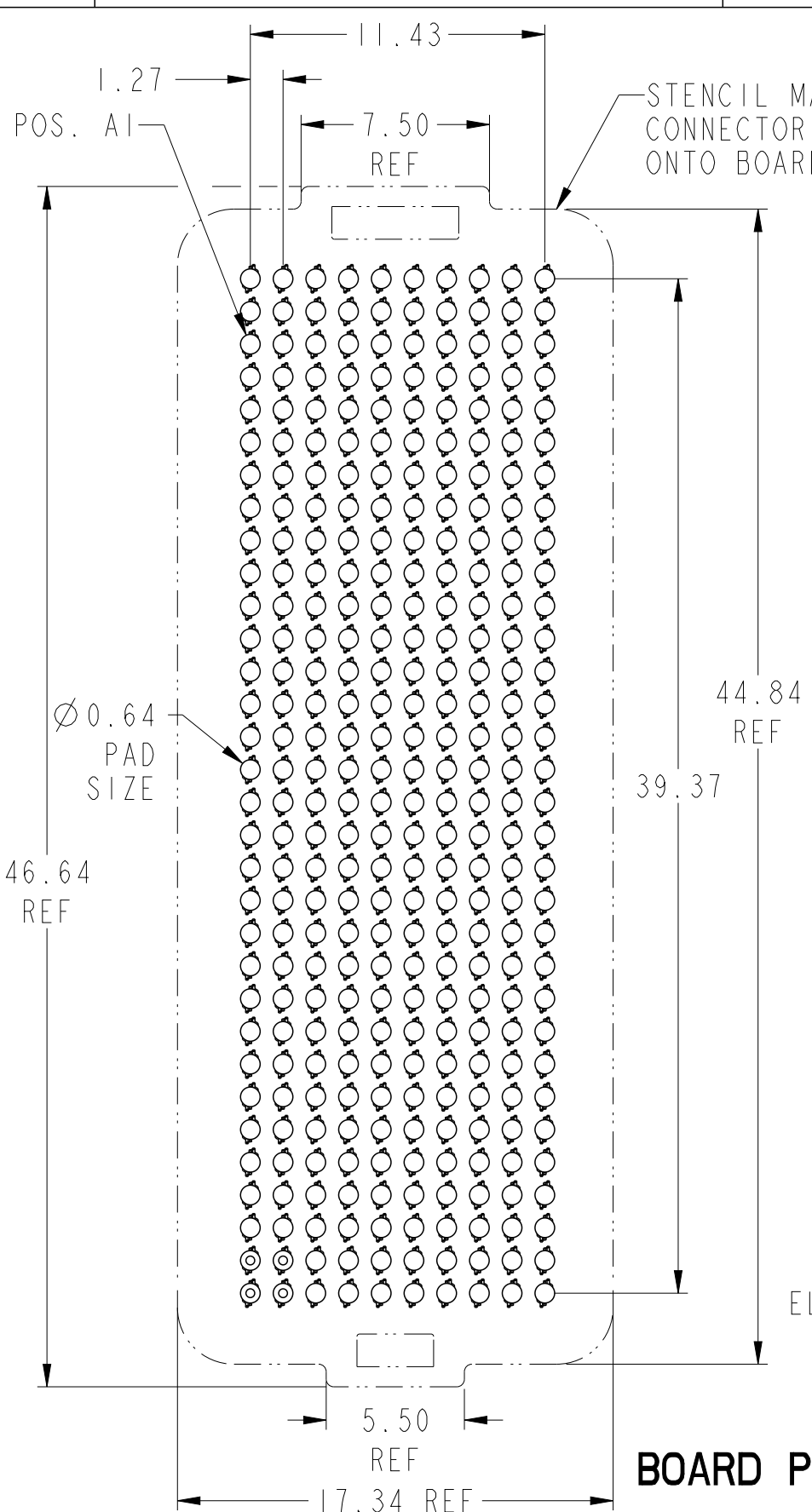
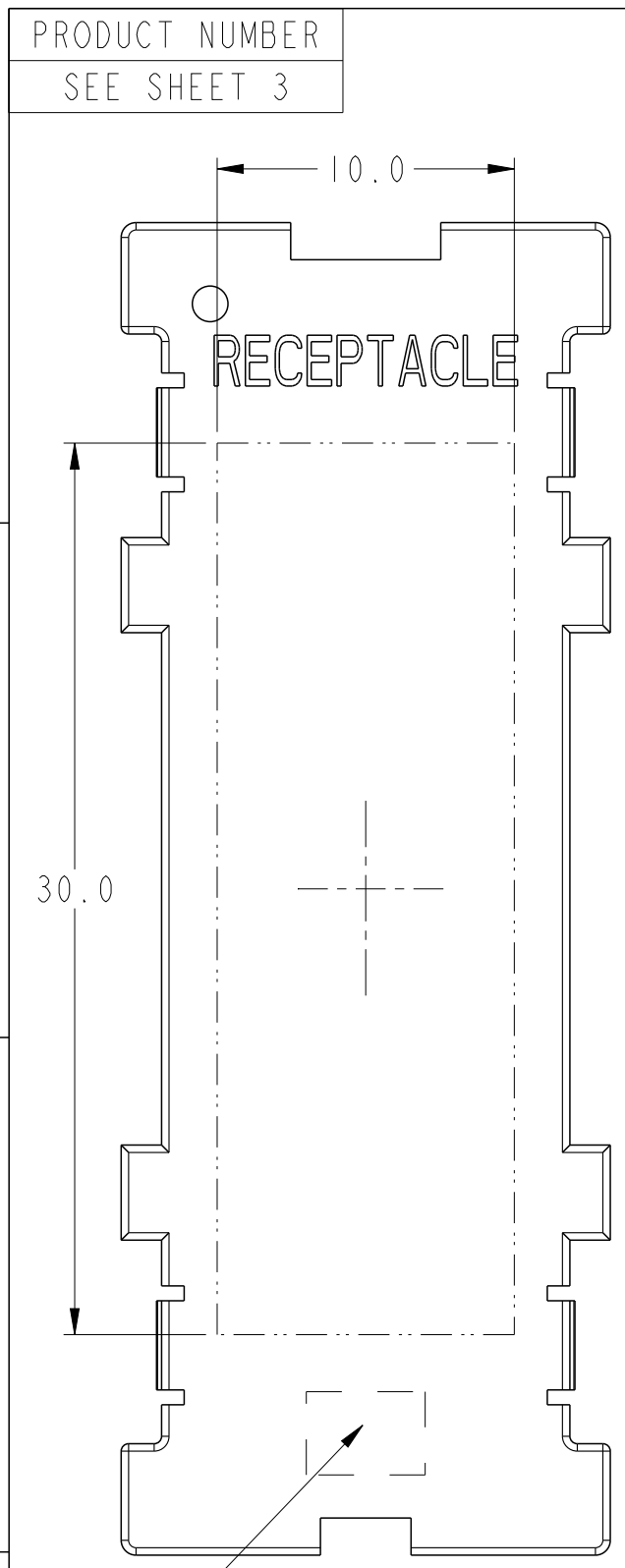


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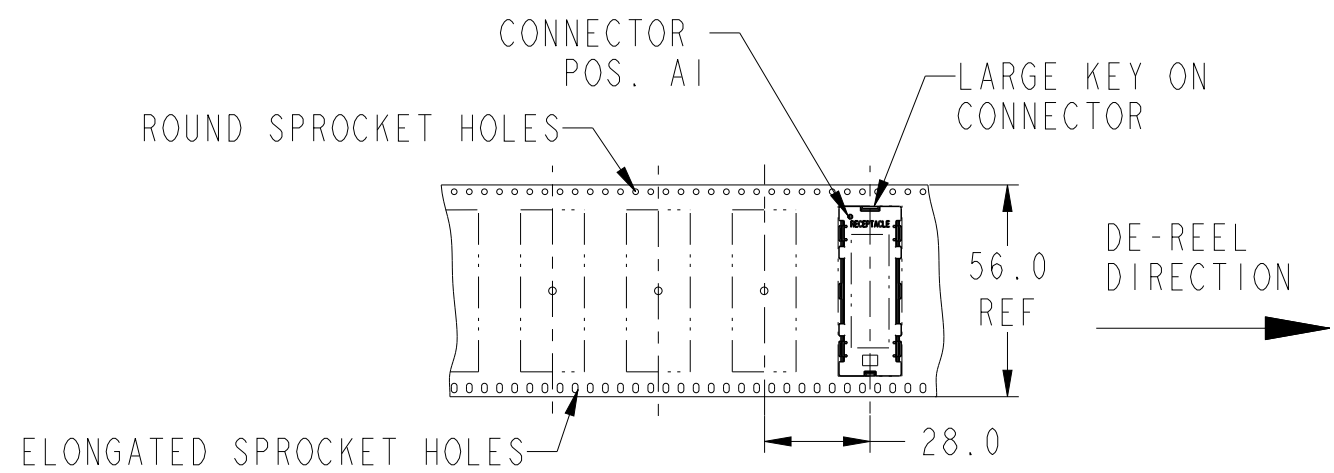


|               |            |      |               |                                  |                |           |                        |              |           |          |
|---------------|------------|------|---------------|----------------------------------|----------------|-----------|------------------------|--------------|-----------|----------|
| spec ref      | -          | dr   | Dave Horchler | 2013/01/22                       | projection     | mm        | size                   | A3           | scale     | 1:1      |
| tolerance std | ASME Y14.5 | eng  | Dave Horchler | 2013/01/25                       | chr            | -         | ecn no                 | -            | rel level | Released |
| surface       | 3.2        | appr | R Marshall    | 2013/01/25                       | product family | MEG-ARRAY | rel level              | Released     | rev       | A        |
| linear        | 0.X        | ±0.3 | FCI           | 4mm RECEPTACLE ASSEMBLY -NATURAL | cat. no.       | -         | Product - Customer Drw | sheet 1 of 3 |           |          |
| angular       | 0°         | ±2°  | www.fci.com   | 10 X 32 = 320 POS.               |                |           |                        |              |           |          |

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END VIEW - MATED CONNECTORS  
SCALE NONE



TAPE & REEL PACKAGING  
PER EIA 481-3  
SCALE NONE

|               |            |             |               |            |                        |              |           |          |           |          |
|---------------|------------|-------------|---------------|------------|------------------------|--------------|-----------|----------|-----------|----------|
| spec ref      | -          | dr          | Dave Horchler | 2013/01/22 | projection             | mm           | size      | A3       | scale     | 1:1      |
| tolerance std | ASME Y14.5 | eng         | Dave Horchler | 2013/01/25 | chr                    | -            | ecn no    | -        | rel level | Released |
| surface       | 3.2        | appr        | R Marshall    | 2013/01/25 | product family         | MEG-ARRAY    | rel level | Released | rev       | A        |
| linear        | 0.X ±0.3   | www.fci.com | cat. no.      | -          | Product - Customer Drw | sheet 2 of 3 | dwg no    | 10123982 | rev       | A        |
| angular       | 0° ±2°     |             |               |            |                        |              |           |          |           |          |

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| PRODUCT NUMBER | PICK-UP CAP<br>(NATURAL OR<br>BLACK IN COLOR) | CONTACT PLATING<br>AND THICKNESS | SOLDER BALL | NOTES   |
|----------------|-----------------------------------------------|----------------------------------|-------------|---------|
| 10123982-001   | YES                                           | 15u" (.38um) Au                  | SnPb        |         |
| 10123982-001LF | YES                                           | 15u" (.38um) Au                  | LEAD FREE   | 5       |
| 10123982-091   | YES                                           | 15u" (.38um) GXT                 | SnPb        |         |
| 10123982-091LF | YES                                           | 15u" (.38um) GXT                 | LEAD FREE   | 5       |
| 10123982-101   | YES                                           | 30u" (.76um) Au                  | SnPb        |         |
| 10123982-101LF | YES                                           | 30u" (.76um) Au                  | LEAD FREE   | 5       |
| 10123982-191   | YES                                           | 30u" (.76um) GXT                 | SnPb        |         |
| 10123982-191LF | YES                                           | 30u" (.76um) GXT                 | LEAD FREE   | 5       |
| 10123982-201   | YES                                           | 50u" (1.27um) Au SPECIAL         | SnPb        | 7       |
| 10123982-201LF | YES                                           | 50u" (1.27um) Au SPECIAL         | LEAD FREE   | 5 AND 7 |
| 10123982-291   | YES                                           | 50u" (1.27um) GXT SPECIAL        | SnPb        | 7       |
| 10123982-291LF | YES                                           | 50u" (1.27um) GXT SPECIAL        | LEAD FREE   | 5 AND 7 |

NOTES:

1. MATERIAL:

HOUSING: LCP-NATURAL COLOR  
CONTACT: COPPER ALLOY

PLATING:

CONTACT: SEE TABLE FOR PLATING AND THICKNESS OPTIONS (OVER Ni UNDERPLATE)  
SOLDER BALL: SnPb OR LEAD FREE (95.5Sn/4Ag/0.5Cu) OPTIONS, SEE TABLE.

2. SOLDER BALLS WILL NOT HAVE PERFECT SPHERICAL SHAPES DUE TO REFLOW ATTACHMENT.

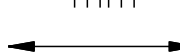
3. MATED HEIGHT WHEN MATED WITH 10123981-XXX WILL BE APPROXIMATELY 4mm.  
MATED HEIGHT WILL BE EFFECTED BY CUSTOMER'S PCB DESIGN AND REFLOW PROCESS.

4. FOR PROPER APPLICATION FOLLOW FCI APPLICATION SPECIFICATION GS-20-033.  
LEAD FREE SOLDER BALLS WILL NOT SOLDER PROPERLY IN A LEADED SOLDER PROCESS  
DUE TO A HIGHER REFLOW TEMPERATURE. LEAD FREE PRODUCT IS THEREFORE NOT BACKWARDS  
COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE FCI APPLICATION SPEC.

5. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.  
PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X"  
IN THE SEVENTH CHARACTER POSITION.

6. CURRENT COMPANY LOGO TO BE VISIBLE IN APPROXIMATE AREA SHOWN.

7. PLATING FOR THE -2XX SERIES OF PRODUCT NUMBERS MEET THE REQUIREMENTS OF  
GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY).  
THE CONTACTS IN THESE PRODUCT NUMBERS ALSO HAVE SPECIAL CONTACT GEOMETRY.

|                            |                                       |                             |                                                                                       |                                                                                       |                                                                                       |                    |              |
|----------------------------|---------------------------------------|-----------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------|--------------|
| spec ref -                 |                                       | dr Dave Horchler 2013/01/22 |                                                                                       |  |  | size A3            | scale 1:1    |
| tolerance std ASME Y14.5 - | TOLERANCES UNLESS OTHERWISE SPECIFIED |                             | eng Dave Horchler 2013/01/25                                                          |                                                                                       |                                                                                       | ecn no -           |              |
|                            |                                       |                             | chr - -                                                                               |                                                                                       |                                                                                       | rel level Released |              |
|                            |                                       | appr R Marshall 2013/01/25  | product family MEG-ARRAY                                                              |                                                                                       |                                                                                       |                    |              |
| surface 3.2 ✓              | linear                                | 0.X ±0.3                    |  | 4mm RECEPTACLE ASSEMBLY -NATURAL                                                      |                                                                                       | dwg no 10123982    | rev A        |
|                            |                                       | 0.XX ±0.10                  |                                                                                       |                                                                                       |                                                                                       |                    |              |
|                            |                                       | 0.XXX ±0.050                |                                                                                       |                                                                                       |                                                                                       |                    |              |
| ASME Y14.5                 | angular                               | 0° ±2°                      | www.fci.com                                                                           | cat. no. -                                                                            | Product - Customer Drw                                                                |                    | sheet 3 of 3 |

A

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## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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