

PRODUCT NUMBER
SEE SHEET 16

ODD COLUMN, CONTACT ROW ID
ODD AND EVEN COLUMNS
ARE OFFSET

EVEN COLUMN, CONTACT ROW ID

NOTE 6 HOUSING

23.90

(29.70)

6X 1
SIGNAL PAIR
CENTER

6X 3.6
GROUND CENTERS

1.3
ROW A TO
FIRST GND

6X 3.6
SIGNAL
CENTERS

A1 CORNER CHAMFER

6X 1
SIGNAL PAIR
CENTERS

6X 3.6
SIGNAL
CENTERS

1.3
ROW A TO
FIRST SIG

6X 3.6
GROUND CENTERS

TOP SURFACE
OF DAUGHTER CARD

1.05
Ø OF ROW A
EVEN COLUMNS

1.25
Ø OF ROW A
ODD COLUMNS

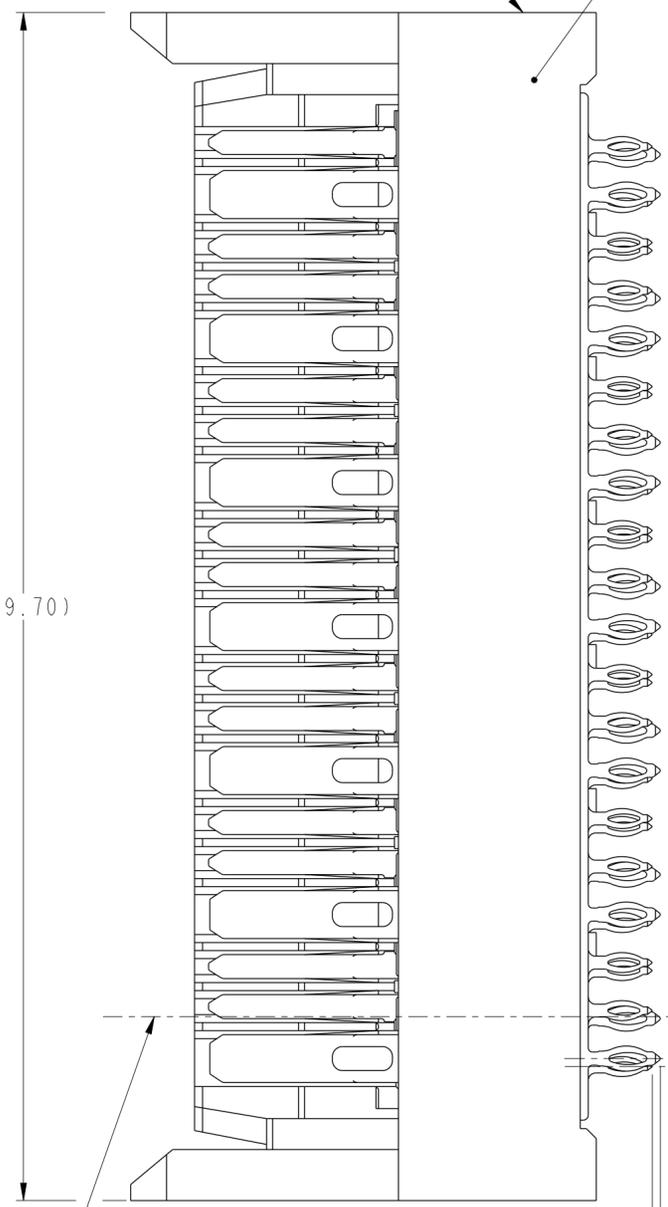
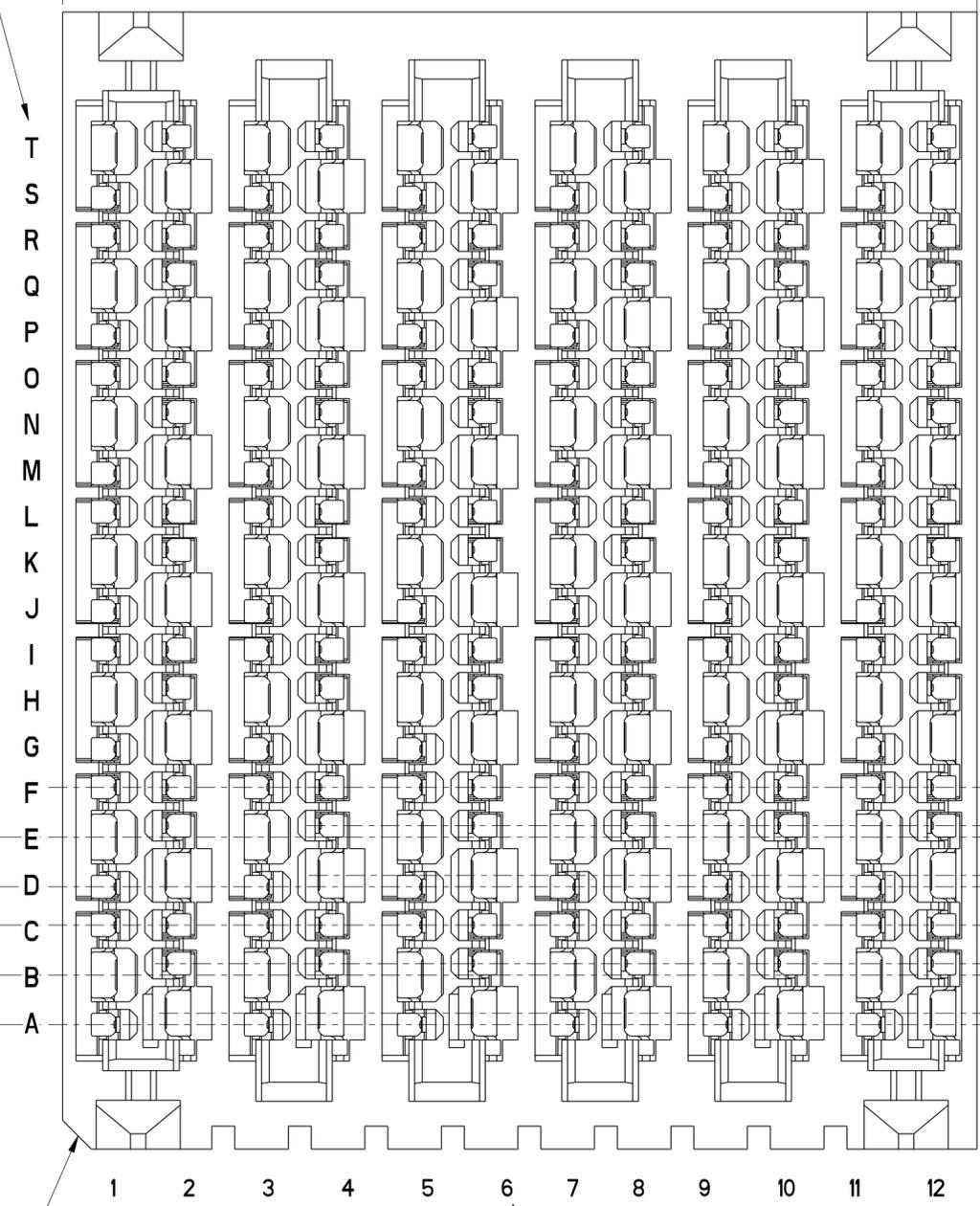
0.20
ODD TO EVEN
COLUMN OFFSET

(6.70)

156X 1.40±0.15
SIGNALS

(11.65)

84X 1.60±0.15
GROUNDS
SEE NOTE 18



10123162-Y01LF
(10123162-101LF STANDARD MATE CONNECTOR SHOWN)

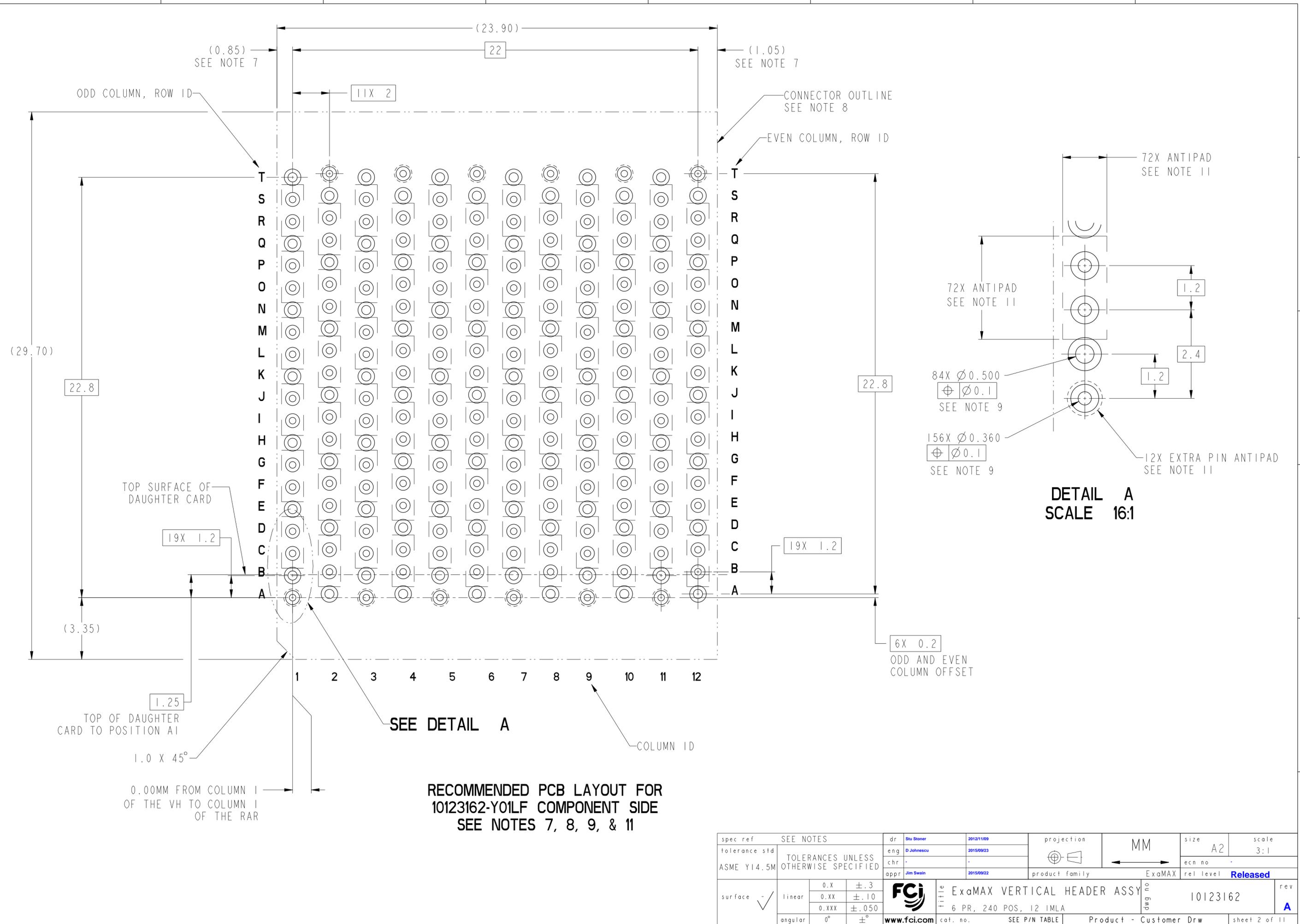
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|---------------|--|-------------|------------|------------|---------------|------------------------|---------------|----|-----------|----------|-----------|------------|----|--|--|--|--|--------------------|----------|
| spec ref | SEE NOTES | dr | Stu Stoner | 2012/1/09 | projection | MM | size | A2 | scale | 8:1 | | | | | | | | | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | D Johnescu | 2015/09/23 | | | ecn no | - | rel level | Released | | | | | | | | | |
| ASME Y14.5M | | chr | | app | | | | | | | Jim Swain | 2015/09/22 | | | | | | | |
| surface | <table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table> | linear | 0.X | ±.3 | | 0.XX | ±.10 | | 0.XXX | ±.050 | angular | 0° | ±° | | | title ExaMAX VERTICAL HEADER ASSY 6 PR, 240 POS, 12 IMLA | | dwg no 10123162 | rev A |
| linear | 0.X | ±.3 | | | | | | | | | | | | | | | | | |
| | 0.XX | ±.10 | | | | | | | | | | | | | | | | | |
| | 0.XXX | ±.050 | | | | | | | | | | | | | | | | | |
| angular | 0° | ±° | | | | | | | | | | | | | | | | | |
| | | www.fci.com | | cat. no. | SEE P/N TABLE | Product - Customer Drw | sheet 1 of 11 | | | | | | | | | | | | |

PDS: Rev :A

STATUS:Released

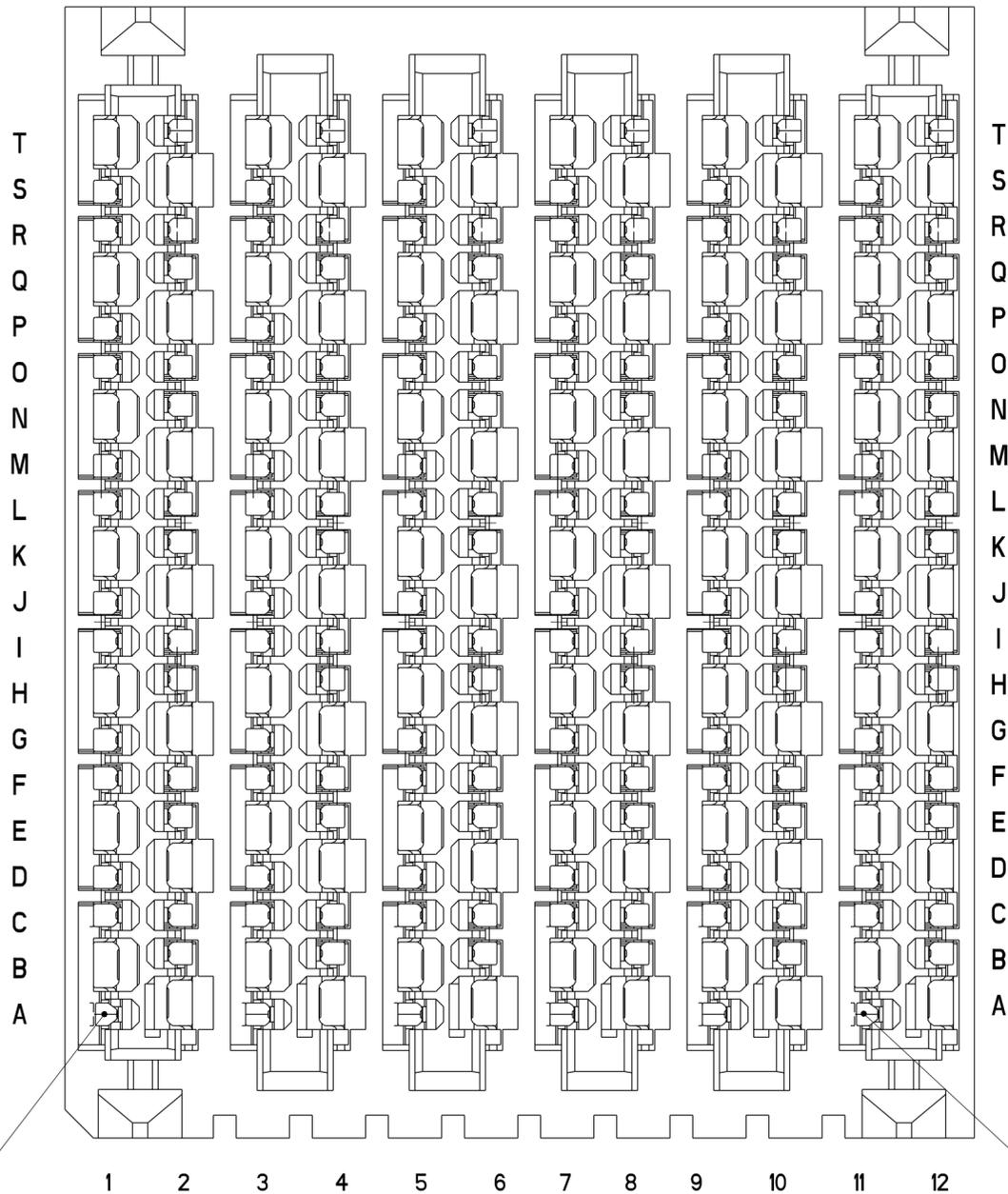
Printed: Sep 23, 2015

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**RECOMMENDED PCB LAYOUT FOR
10123162-Y01LF COMPONENT SIDE
SEE NOTES 7, 8, 9, & 11**

| | | | | | | | | | | | | | | | | | |
|---------------|--|-------------|------------|---------------|------------------------|---------------|--------|----|-----------|----------|-----------|------------|------|--|-------|-------|---------|
| spec ref | SEE NOTES | dr | Stu Stoner | 2012/1/09 | projection | MM | size | A2 | scale | 3:1 | | | | | | | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | D Johnescu | 2015/09/23 | | | ecn no | - | rel level | Released | | | | | | | |
| ASME Y14.5M | | chr | - | app | | | | | | | Jim Swain | 2015/09/22 | | | | | |
| surface | <table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table> | linear | 0.X | ±.3 | | | | | | | | 0.XX | ±.10 | | 0.XXX | ±.050 | angular |
| linear | 0.X | ±.3 | | | | | | | | | | | | | | | |
| | 0.XX | ±.10 | | | | | | | | | | | | | | | |
| | 0.XXX | ±.050 | | | | | | | | | | | | | | | |
| angular | 0° | ±° | | | | | | | | | | | | | | | |
| | | www.fci.com | cat. no. | SEE P/N TABLE | Product - Customer Drw | sheet 2 of 11 | | | | | | | | | | | |



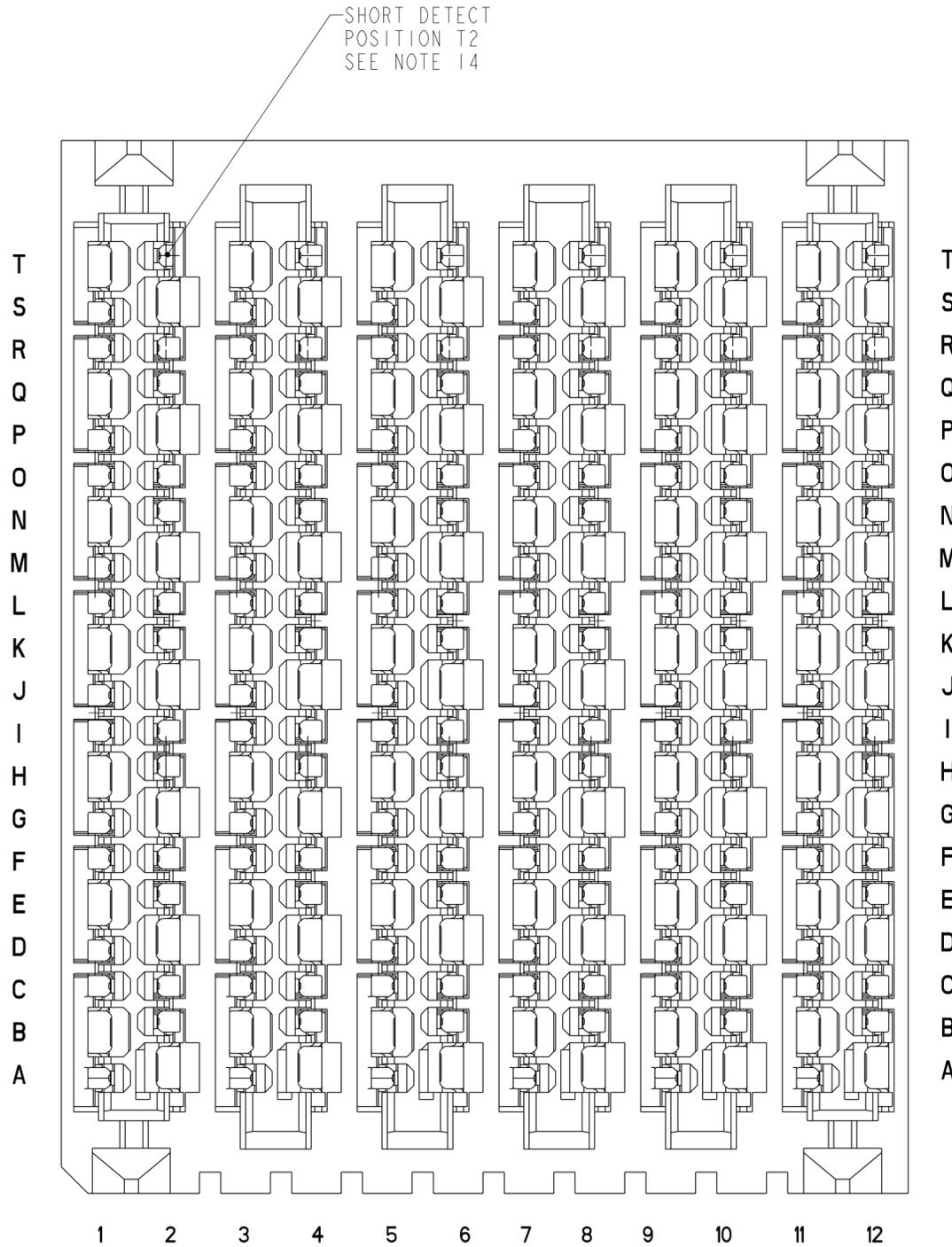
ADVANCED MATE POSITION A1
SEE NOTE 13

ADVANCED MATE POSITION A11
SEE NOTE 13

10123162-201LF
ADVANCED MATE CONNECTOR
 ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A11 ONLY
 FOR ALL OTHER DIMENSIONS SEE SHEETS 1 & 2

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| | | | | | | | | | | | | | | | | | |
|---------------|--|-------------|------------|---------------|------------------------|---------------|--------|----|-----------|----------|-----------|------------|----------------|--------|--|--------------------|----------|
| spec ref | SEE NOTES | dr | Stu Stoner | 2012/1/09 | projection | MM | size | A2 | scale | 6:1 | | | | | | | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | D Johnescu | 2015/09/23 | | | ecn no | - | rel level | Released | | | | | | | |
| ASME Y14.5M | | chr | - | appr | | | | | | | Jim Swain | 2015/09/22 | product family | ExaMAX | | | |
| surface | <table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table> | linear | 0.X | ±.3 | | 0.XX | ±.10 | | 0.XXX | ±.050 | angular | 0° | ±° | | title ExaMAX VERTICAL HEADER ASSY 6 PR, 240 POS, 12 IMLA | dwg no 10123162 | rev A |
| linear | 0.X | ±.3 | | | | | | | | | | | | | | | |
| | 0.XX | ±.10 | | | | | | | | | | | | | | | |
| | 0.XXX | ±.050 | | | | | | | | | | | | | | | |
| angular | 0° | ±° | | | | | | | | | | | | | | | |
| | | www.fci.com | cat. no. | SEE P/N TABLE | Product - Customer Drw | sheet 3 of 11 | | | | | | | | | | | |

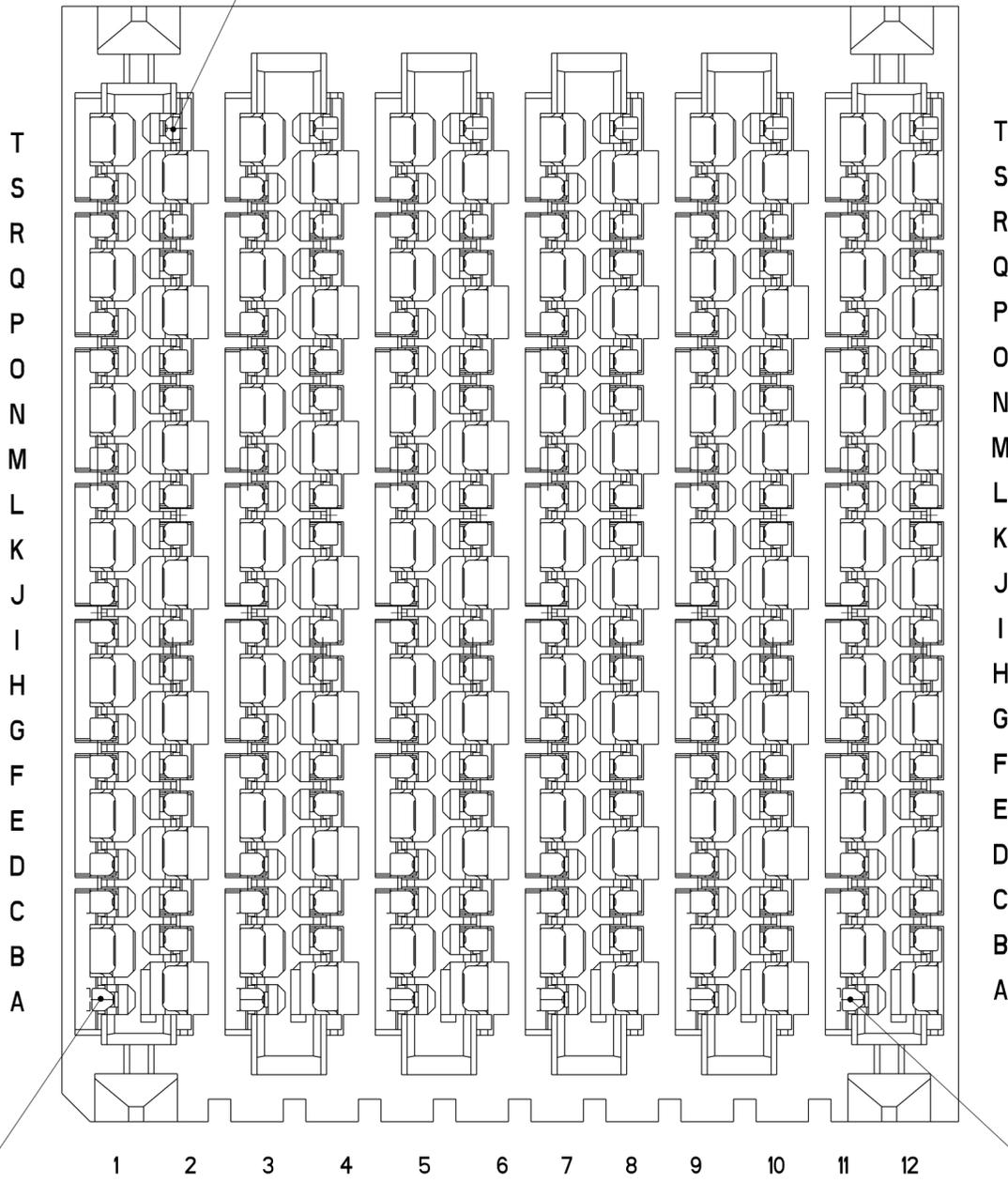


10123162-301LF
 SHORT DETECT CONNECTOR
 SHORT DETECT POSITION IS T2 ONLY
 FOR ALL OTHER DIMENSIONS SEE SHEETS 1 & 2



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|--|--------|------------|------------|------------|------|----------------|--------|-----------|----------|---------|----|----|------|-----------|------------|--|--|--|-------|-----------------------------|-----|---|----------|---------------|--------|----------|---------------|
| spec ref | SEE NOTES | dr | Stu Stoner | 2012/1/09 | projection | MM | size | A2 | scale | 6:1 | | | | | | | | | | | | | | | | | | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | D Johnescu | 2015/09/23 | | | ecn no | - | | | | | | | | | | | | | | | | | | | | |
| ASME Y14.5M | | chr | - | 2015/09/22 | | | product family | ExaMAX | rel level | Released | | | | | | | | | | | | | | | | | | |
| surface | <table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table> | linear | 0.X | ±.3 | | 0.XX | ±.10 | | 0.XXX | ±.050 | angular | 0° | ±° | appr | Jim Swain | 2015/09/22 | | | <table border="1"> <tr> <td>title</td> <td>ExaMAX VERTICAL HEADER ASSY</td> <td>rev</td> <td>A</td> </tr> <tr> <td>cat. no.</td> <td>SEE P/N TABLE</td> <td>dwg no</td> <td>10123162</td> </tr> </table> | title | ExaMAX VERTICAL HEADER ASSY | rev | A | cat. no. | SEE P/N TABLE | dwg no | 10123162 | sheet 4 of 11 |
| linear | 0.X | ±.3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.XX | ±.10 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.XXX | ±.050 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| angular | 0° | ±° | | | | | | | | | | | | | | | | | | | | | | | | | | |
| title | ExaMAX VERTICAL HEADER ASSY | rev | A | | | | | | | | | | | | | | | | | | | | | | | | | |
| cat. no. | SEE P/N TABLE | dwg no | 10123162 | | | | | | | | | | | | | | | | | | | | | | | | | |

SHORT DETECT
POSITION T2
SEE NOTE 15



ADVANCED MATE
POSITION A1
SEE NOTE 15

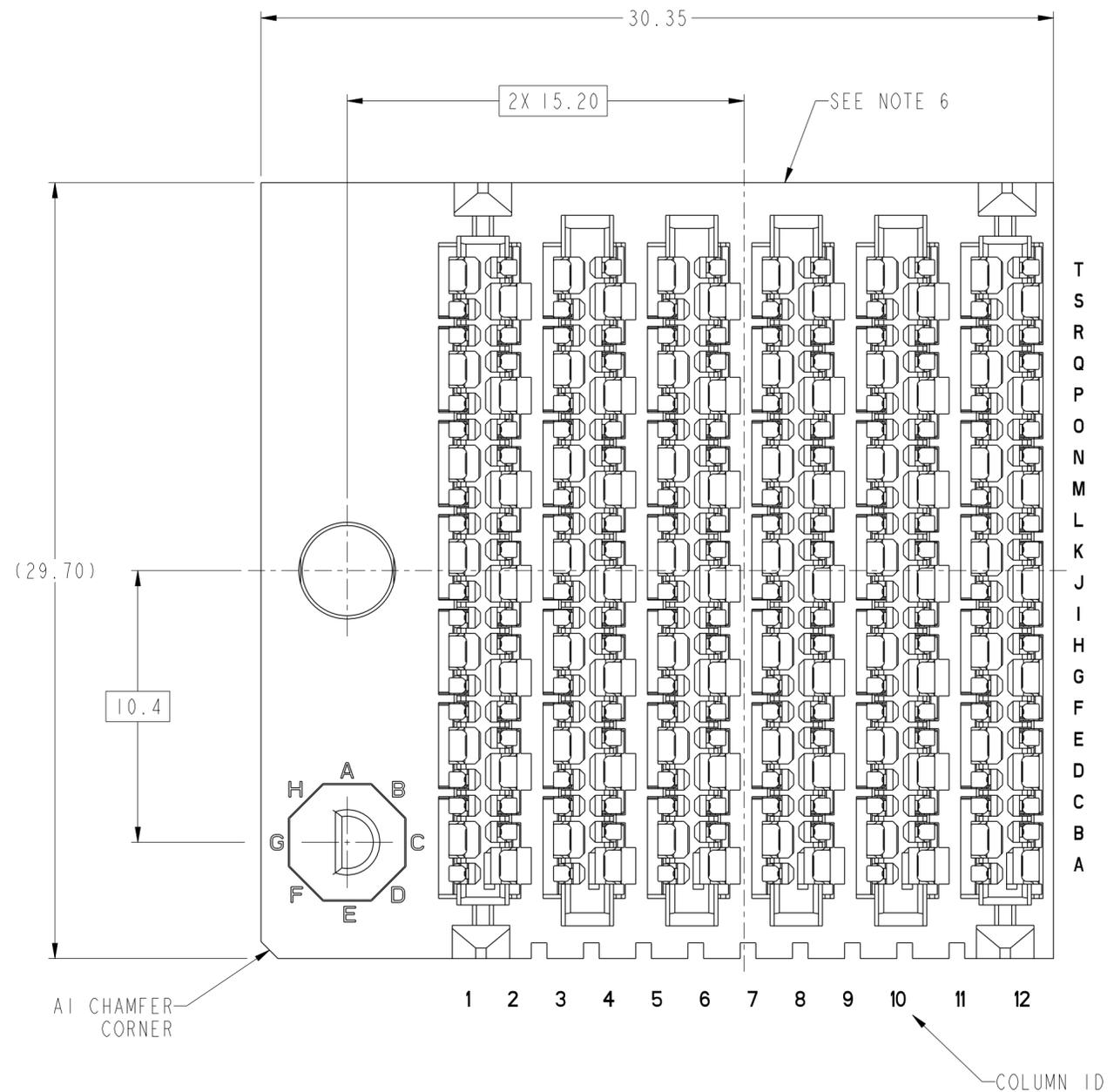
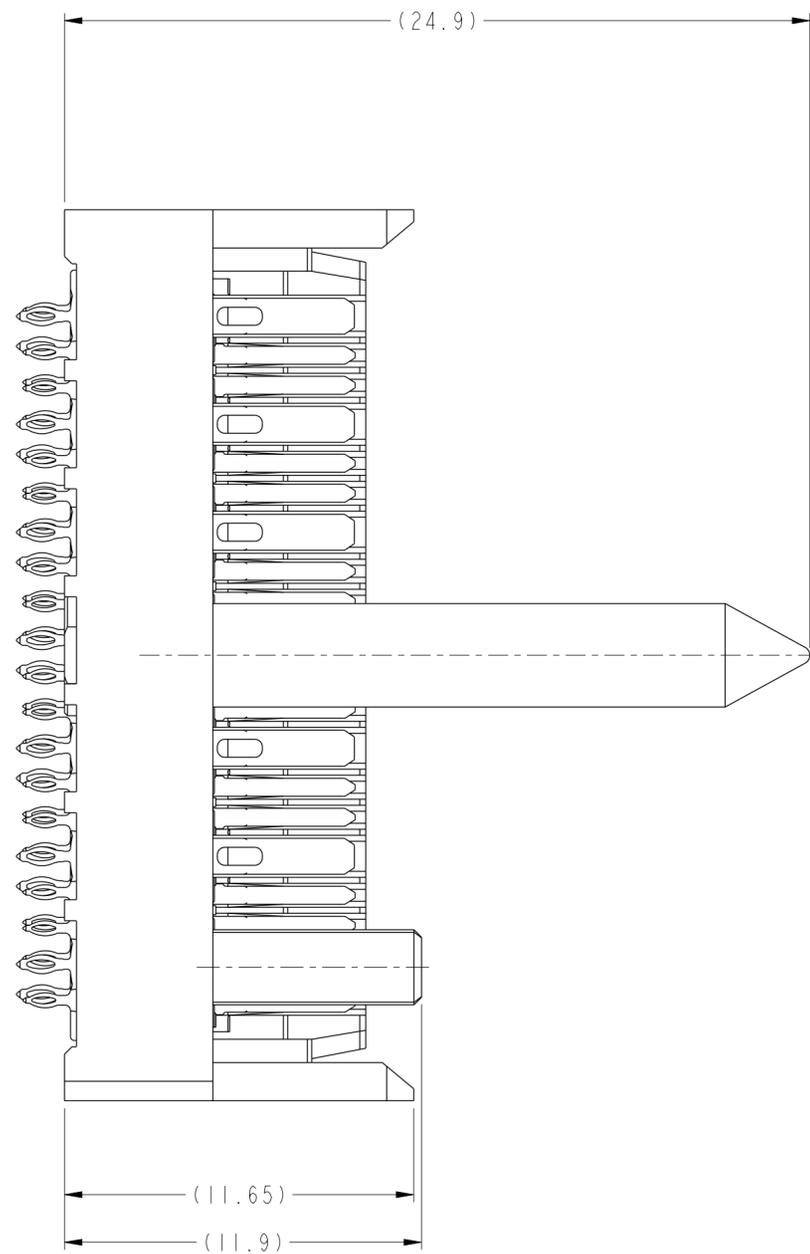
ADVANCED MATE
POSITION A11
SEE NOTE 15

10123162-401LF
ADVANCED MATE/SHORT DETECT CONNECTOR
 ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A11 ONLY
 SHORT DETECT POSITION IS T2 ONLY
 FOR ALL OTHER DIMENSIONS SEE SHEETS 1 & 2



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| | | | | | | | | | | |
|---------------|---------------------------------------|---------|------------|------------|------------|--|--------------------|----------|---|----------|
| spec ref | SEE NOTES | dr | Stu Stoner | 2012/1/09 | projection | MM | size | A2 | scale | 1:1 |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | D Johnescu | 2015/09/23 | | | ecn no | - | rel level | Released |
| ASME Y14.5M | | chr | - | appr | | | | | | |
| surface | | linear | 0.X | ±.3 | | title ExdMAX VERTICAL HEADER ASSY 6 PR, 240 POS, 12 IMLA | dwg no 10123162 | rev A | www.fci.com cat. no. SEE P/N TABLE Product - Customer Drw sheet 5 of 11 | |
| | | | 0.XX | ±.10 | | | | | | |
| | | | 0.XXX | ±.050 | | | | | | |
| | | angular | 0° | ±° | | | | | | |



10123162-Y1ALF THRU -Y1JLF
 RIGHT GUIDANCE CONNECTOR (SEE NOTE 17)
 FOR ALL OTHER DIMENSIONS SEE SHEET 1

| | | | | | | | | | | | | | | | | | | | | | | |
|---------------|--|-------------|------------|----------------|------------------------|---------------|--------|----|-----------|----------|---------|----|----|------|-----------|------------|-------|-----------------------------|--------|----------|-----|---|
| spec ref | SEE NOTES | dr | Stu Stoner | 2012/1/09 | projection | MM | size | A2 | scale | 6:1 | | | | | | | | | | | | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | D Johnescu | 2015/09/23 | | | ecn no | - | rel level | Released | | | | | | | | | | | | |
| ASME Y14.5M | | chr | - | product family | | | ExaMAX | | | | | | | | | | | | | | | |
| surface | <table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table> | linear | 0.X | ±.3 | | 0.XX | ±.10 | | 0.XXX | ±.050 | angular | 0° | ±° | appr | Jim Swain | 2015/09/22 | title | ExaMAX VERTICAL HEADER ASSY | dwg no | 10123162 | rev | A |
| linear | 0.X | ±.3 | | | | | | | | | | | | | | | | | | | | |
| | 0.XX | ±.10 | | | | | | | | | | | | | | | | | | | | |
| | 0.XXX | ±.050 | | | | | | | | | | | | | | | | | | | | |
| angular | 0° | ±° | | | | | | | | | | | | | | | | | | | | |
| | | www.fci.com | cat. no. | SEE P/N TABLE | Product - Customer Drw | sheet 6 of 11 | | | | | | | | | | | | | | | | |

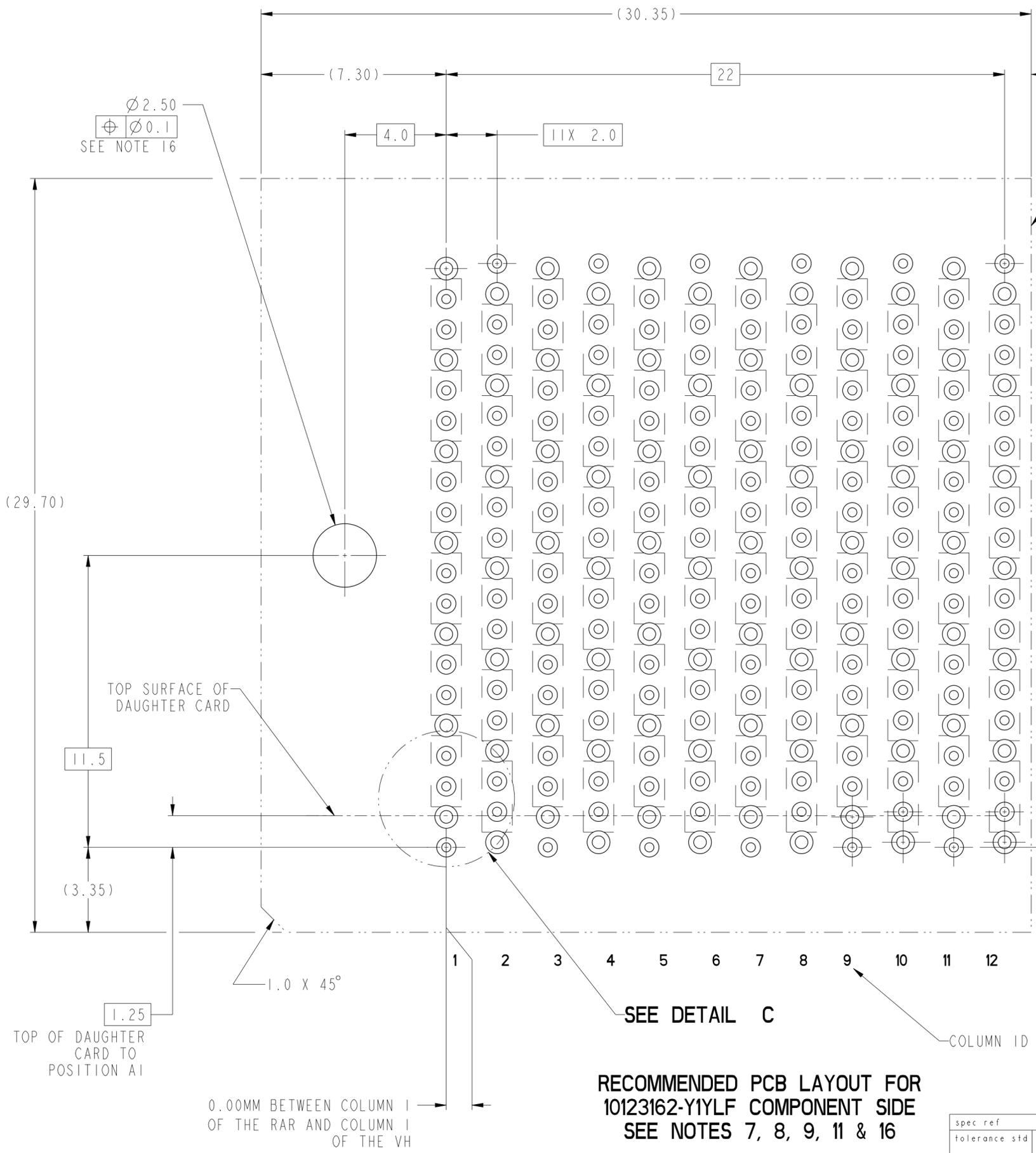
PDS: Rev :A

STATUS:Released

Printed: Sep 23, 2015



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CONNECTOR OUTLINE
SEE NOTE 8

ROW ID

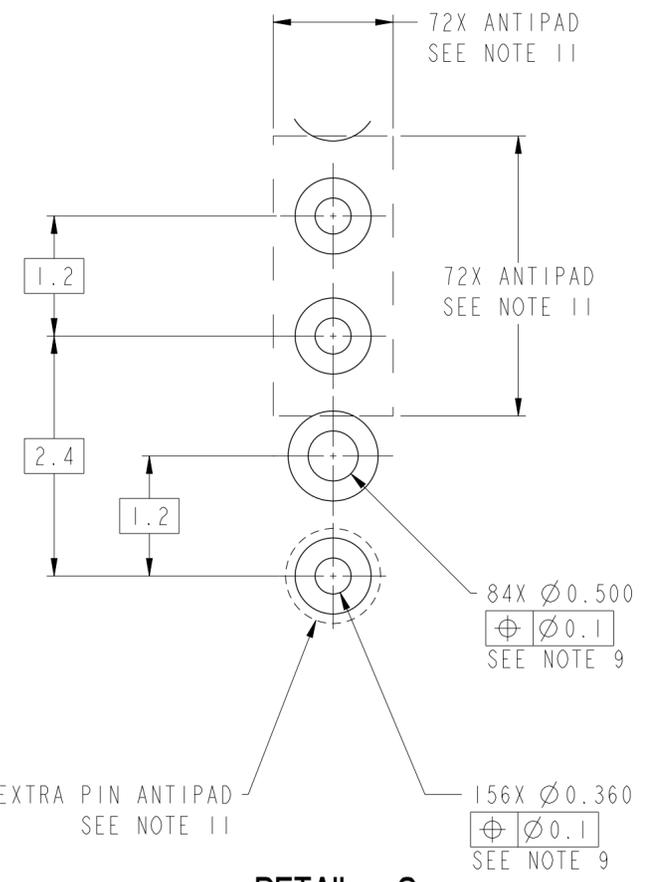
T
S
R
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M
L
K
J
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H
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F
E
D
C
B
A

1
2
3
4
5
6
7
8
9
10
11
12

22.8

6X 0.2
ODD AND EVEN
COLUMN OFFSET

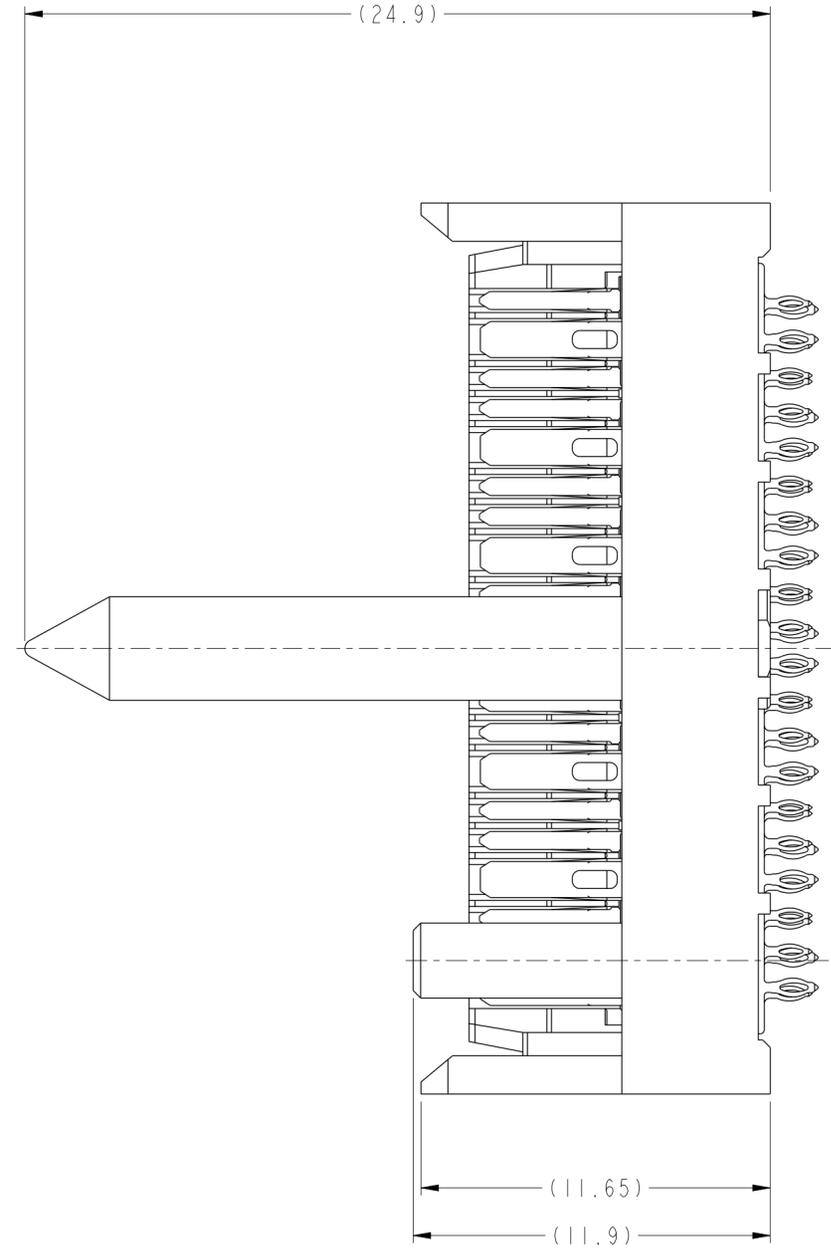
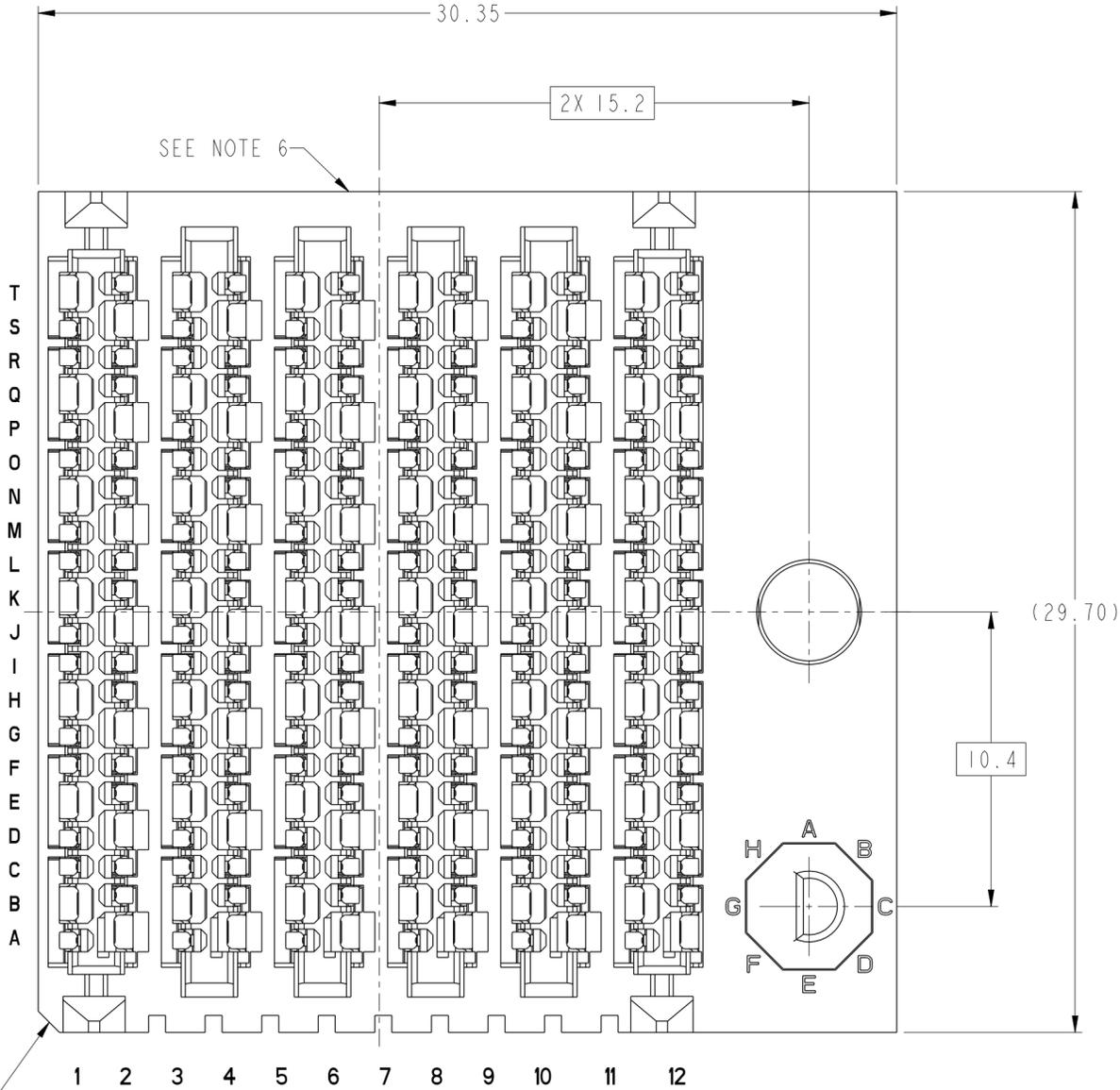
19X 1.2



DETAIL C
SCALE 20:1

**RECOMMENDED PCB LAYOUT FOR
10123162-Y1YLF COMPONENT SIDE
SEE NOTES 7, 8, 9, 11 & 16**

| | | | | | | | | | | | | | | | | | | | |
|---------------|--|-------------|------------|------------|---------------|------------------------|---------------|----|-----------|----------|-----------|------------|----------------|--------|--|--|--|--------------------|----------|
| spec ref | SEE NOTES | dr | Stu Stoner | 2012/1/09 | projection | MM | size | A2 | scale | 2:1 | | | | | | | | | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | D Johnescu | 2015/09/23 | | | ecn no | - | rel level | Released | | | | | | | | | |
| ASME Y14.5M | | chr | - | appr | | | | | | | Jim Swain | 2015/09/22 | product family | ExaMAX | | | | | |
| surface | <table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table> | linear | 0.X | ±.3 | | 0.XX | ±.10 | | 0.XXX | ±.050 | angular | 0° | ±° | | | ExaMAX VERTICAL HEADER ASSY 6 PR, 240 POS, 12 IMLA | | dwg no 10123162 | rev A |
| linear | 0.X | ±.3 | | | | | | | | | | | | | | | | | |
| | 0.XX | ±.10 | | | | | | | | | | | | | | | | | |
| | 0.XXX | ±.050 | | | | | | | | | | | | | | | | | |
| angular | 0° | ±° | | | | | | | | | | | | | | | | | |
| | | www.fci.com | | cat. no. | SEE P/N TABLE | Product - Customer Drw | sheet 7 of 11 | | | | | | | | | | | | |



10123162-Y2ALF THRU -Y2JLF
LEFT GUIDANCE CONNECTOR (SEE NOTE 17)
FOR ALL OTHER DIMENSIONS SEE SHEET 1

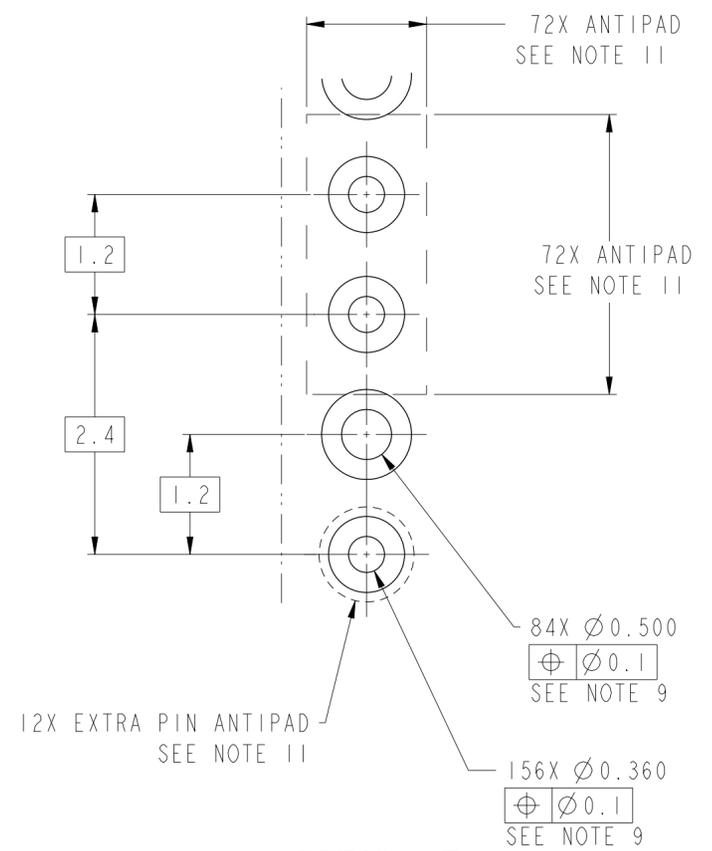
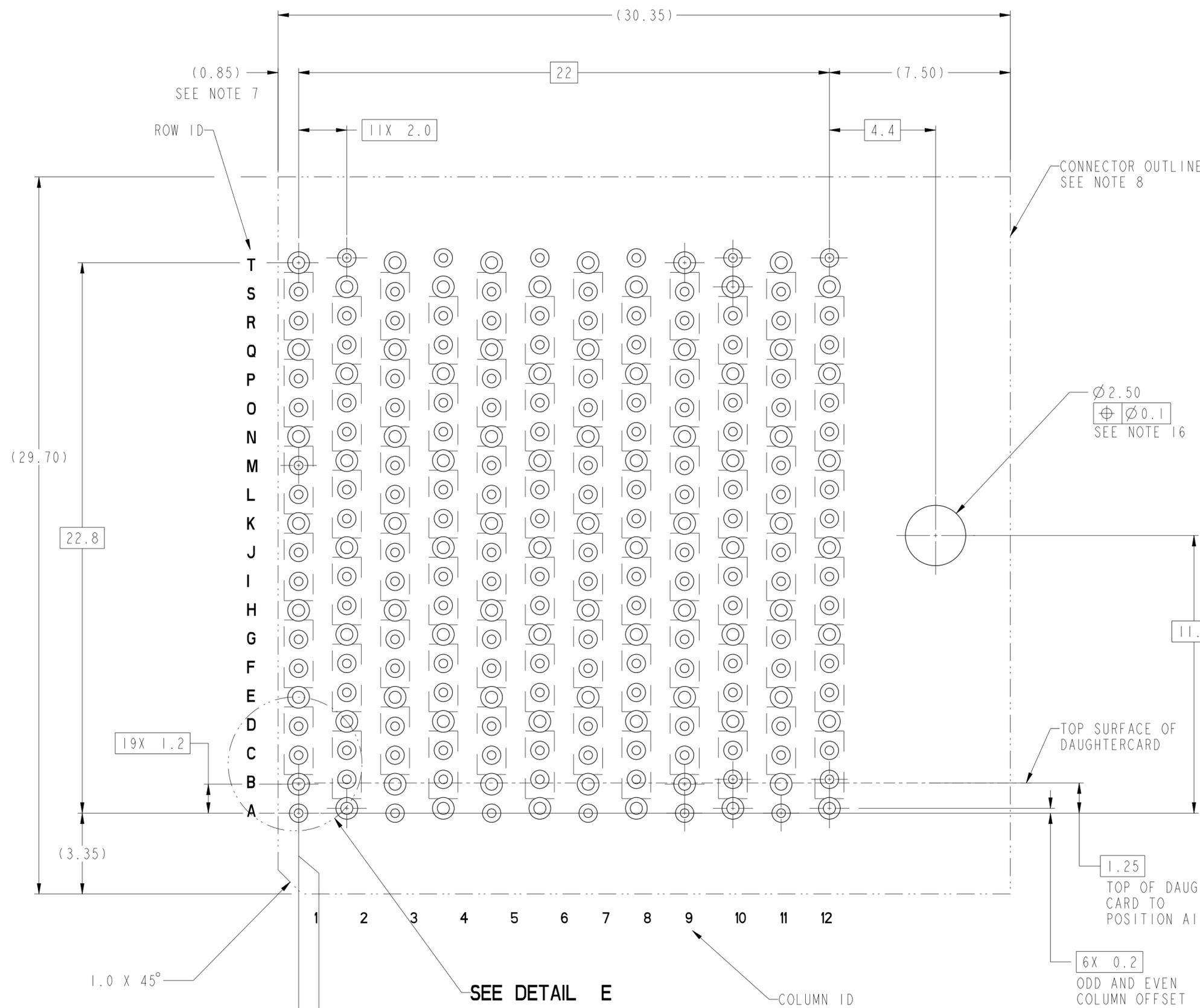
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| | | | | | | | | | | | | | | | | | | | |
|---------------|--|----------|------------|---------------|------------------------|------|---------------|----|-----------|----------|-----------|------------|----------------|--------|--|--|--|------------------------|--------------|
| spec ref | SEE NOTES | dr | Stu Stoner | 2012/1/09 | projection | MM | size | A2 | scale | 6:1 | | | | | | | | | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | D Johnescu | 2015/09/23 | | | ecn no | - | rel level | Released | | | | | | | | | |
| ASME Y14.5M | | chr | - | app | | | | | | | Jim Swain | 2015/09/22 | product family | ExaMAX | | | | | |
| surface | <table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table> | linear | 0.X | ±.3 | | 0.XX | ±.10 | | 0.XXX | ±.050 | angular | 0° | ±° | | | title ExaMAX VERTICAL HEADER ASSY 6 PR, 240 POS, 12 IMLA | | dwg no 10123162 | rev A |
| linear | 0.X | ±.3 | | | | | | | | | | | | | | | | | |
| | 0.XX | ±.10 | | | | | | | | | | | | | | | | | |
| | 0.XXX | ±.050 | | | | | | | | | | | | | | | | | |
| angular | 0° | ±° | | | | | | | | | | | | | | | | | |
| www.fci.com | | cat. no. | | SEE P/N TABLE | Product - Customer Drw | | sheet 8 of 11 | | | | | | | | | | | | |

PDS: Rev :A

STATUS:Released

Printed: Sep 23, 2015



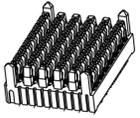
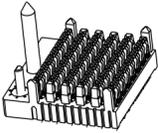
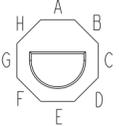
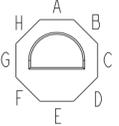
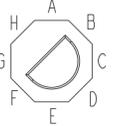
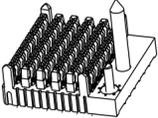
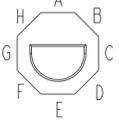
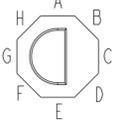
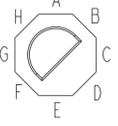
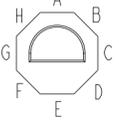
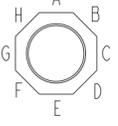
DETAIL E
SCALE 20:1

**RECOMMENDED PCB LAYOUT FOR
10123162-Y2YLF COMPONENT SIDE
SEE NOTES 7, 8, 9, 11 & 16**

| | | | | | | | | | | | | | | | | | | | |
|---------------|--|--|------------|------------------------|------------------------|---------------|--------|----|-----------|----------|-----------|------------|----------------|--------|--|--|--|------------------------|--------------|
| spec ref | SEE NOTES | dr | Stu Stoner | 2012/1/09 | projection | MM | size | A2 | scale | 2:1 | | | | | | | | | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | D Johnescu | 2015/09/23 | | | ecn no | - | rel level | Released | | | | | | | | | |
| ASME Y14.5M | | chr | - | apppr | | | | | | | Jim Swain | 2015/09/22 | product family | ExaMAX | | | | | |
| surface | <table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table> | linear | 0.X | ±.3 | | 0.XX | ±.10 | | 0.XXX | ±.050 | angular | 0° | ±° | | | title ExaMAX VERTICAL HEADER ASSY 6 PR, 240 POS, 12 IMLA | | dwg no 10123162 | rev A |
| linear | 0.X | ±.3 | | | | | | | | | | | | | | | | | |
| | 0.XX | ±.10 | | | | | | | | | | | | | | | | | |
| | 0.XXX | ±.050 | | | | | | | | | | | | | | | | | |
| angular | 0° | ±° | | | | | | | | | | | | | | | | | |
| | | www.fci.com | | cat. no. SEE P/N TABLE | Product - Customer Drw | sheet 9 of 11 | | | | | | | | | | | | | |

10123162 - Y Y Y L F

| ASSEMBLY PART NUMBER | DESCRIPTION |
|----------------------|------------------------------|
| 10123162-1YYLF | STANDARD MATE |
| 10123162-2YYLF | ADVANCED MATE |
| 10123162-3YYLF | SHORT DETECT |
| 10123162-4YYLF | ADVANCED MATE & SHORT DETECT |

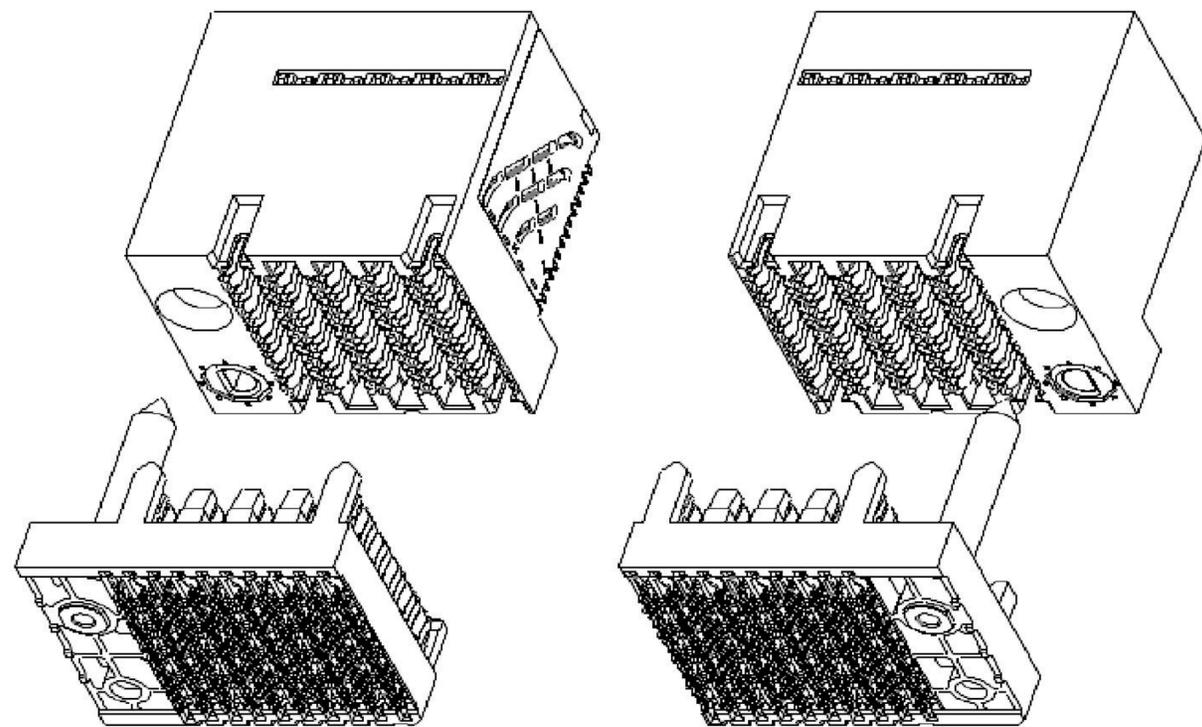
| MODULE DESCRIPTION | DESIGNATION REPRESENTED IN DASH NUMBER | | | | | | | | | | BASE MODULE |
|--|---|---|---|---|---|---|---|---|---|--|---|
| STANDARD NO GUIDANCE (SEE SHEET 1) | 01 | | | | | | | | | |  |
| RIGHT GUIDANCE MODULE (SEE SHEET 8) | 1A | 1B | 1C | 1D | 1E | 1F | 1G | 1H | 1J (NO KEY) | |  |
| |  |  |  |  |  |  |  |  |  | | |
| LEFT GUIDANCE MODULE (SEE SHEET 12) | 2A | 2B | 2C | 2D | 2E | 2F | 2G | 2H | 2J (NO KEY) | |  |
| |  |  |  |  |  |  |  |  |  | | |

| | | | | | | | | | | | | | | | |
|---------------|---------------------------------------|--------|------------|-------------|---|---------------|------------------------|----------------|-----------|----------|---|------------|-----------------------------|--------|----------|
| spec ref | SEE NOTES | dr | Stu Stoner | 2012/1/09 | projection | MM | size | A2 | scale | 1:1 | | | | | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | D Johnescu | 2015/09/23 |  | ← → | ecn no | - | rel level | Released | | | | | |
| ASME Y14.5M | | chr | - | apppr | | | | | | | Jim Swain | 2015/09/22 | product family | ExaMAX | |
| surface | | linear | 0.X | ±.3 | | | | | | |  | title | ExaMAX VERTICAL HEADER ASSY | dwg no | 10123162 |
| | | 0.XX | ±.10 | www.fci.com | cat. no. | SEE P/N TABLE | Product - Customer Drw | sheet 10 of 11 | | | | | | | |
| | angular | 0° | ±° | | | | | | | | | | | | |

NOTES

- ① - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
GUIDE PIN: ZINC ALLOY
POLARIZING PIN: ZINC ALLOY
- 2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-1096 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE

PRESS-FIT TAILS: TIN OVER NICKEL (LEAD FREE)
- 3 - PRODUCT SPECIFICATION: GS-12-1096
- 4 - APPLICATION SPECIFICATION: GS-20-0361
- 5 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- ⑥ - PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE.
- ⑦ - THE MINIMUM VIA SPACING BETWEEN STACKED CONNECTORS WILL BE 2.0 mm OR 3.0 mm AS DEFINED BY NOTE 7 ON THE MATING RECEPTACLE CUSTOMER DRAWING. REFER TO THE APPLICATION SPECIFICATION FOR DETAILS.
- ⑧ - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.
- ⑨ - REFER TO CUSTOMER DRAWING 10119933 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS
- 10- THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
- ⑪ - REFER TO THE APPLICATION SPECIFICATION FOR TRACE ROUTING EXAMPLES THAT INCLUDE DIMENSIONS FOR ANTIPADS, TRACE WIDTHS, TRACE SPACING, ETC.
- 12- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C FOR 10-30 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
- ⑬ - THE ADVANCED MATE HEADER, 10123162-2YYLF, WHEN MATED WITH AN ADVANCED MATE RECEPTACLE WILL PROVIDE 2 PAIRS OF MATING CONTACTS THAT MATE 0.75MM BEFORE THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.
- ⑭ - THE SHORT DETECT HEADER, 10123162-3YYLF, WHEN MATED WITH A STANDARD MATE RECEPTACLE WILL PROVIDE 1 PAIR OF MATING CONTACTS THAT MATE 1.00MM AFTER THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.
- ⑮ - THE ADVANCED MATE/SHORT DETECT HEADER, 10123162-4YYLF, WHEN MATED WITH AN ADVANCED MATE RECEPTACLE, WILL PROVIDE 2 PAIRS OF MATING CONTACTS THAT MATE 0.75MM BEFORE THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS, AND 1 PAIR OF MATING CONTACTS THAT MATE 1.00MM AFTER THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.
- ⑯ - FOR CONNECTORS WITH EITHER A RIGHT OR LEFT GUIDE MODULE, ONE PHILLIPS PAN HEAD M2 HOLD DOWN SCREW MUST BE USED TO SECURE GUIDE PIN/CONNECTOR TO THE PCB. THE SCREW LENGTH SHALL BE 2.0 - 6.0mm PLUS THE THICKNESS OF THE BOARD. SCREW IS NOT PROVIDED WITH CONNECTOR.
- ⑰ - LEFT / RIGHT INTEGRATED GUIDE ORIENTATION IS DETERMINED BY THE LOCATION OF THE GUIDE FEATURES WHEN LOOKING AT THE MATING FACE OF THE RIGHT ANGLE RECEPTACLE. THE LEFT / RIGHT DESIGNATION OF THE MATING HEADER IS DEFINED BY THE RIGHT ANGLE RECEPTACLE THAT IT MATES WITH (i.e. A RIGHT GUIDE VERTICAL HEADER MATES WITH A RIGHT GUIDE RIGHT ANGLE RECEPTACLE).
- ⑱ - ALL GROUND CONTACTS WITHIN A COLUMN ARE COMMONED.



LEFT GUIDE

RIGHT GUIDE

**ExaMAX INTEGRATED GUIDE ORIENTATION
4-PAIR 10-IMLA CONNECTORS SHOWN FOR REFERENCE ONLY
SEE NOTE 17**

| | | | | | | | | | | | | | | | | | | | | | |
|---------------|--|--------|------------|------------|------------|------|-----------|------------|----------------|--------|----------|----|----|--|--|--|--|--------------------|----------|--|--|
| spec ref | SEE NOTES | dr | Stu Stoner | 2012/1/09 | projection | MM | size | A2 | scale | 2:1 | | | | | | | | | | | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | D Johnescu | 2015/09/23 | | | ecn no | - | rel level | | | | | | | | | | | | |
| ASME Y14.5M | | chr | - | app | | | Jim Swain | 2015/09/22 | product family | ExaMAX | Released | | | | | | | | | | |
| surface | <table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table> | linear | 0.X | ±.3 | | 0.XX | ±.10 | | 0.XXX | ±.050 | angular | 0° | ±° | | | title ExaMAX VERTICAL HEADER ASSY 6 PR, 240 POS, 12 IMLA | | dwg no 10123162 | rev A | www.fci.com cat. no. SEE P/N TABLE Product - Customer Drw sheet 11 of 11 | |
| linear | 0.X | ±.3 | | | | | | | | | | | | | | | | | | | |
| | 0.XX | ±.10 | | | | | | | | | | | | | | | | | | | |
| | 0.XXX | ±.050 | | | | | | | | | | | | | | | | | | | |
| angular | 0° | ±° | | | | | | | | | | | | | | | | | | | |



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