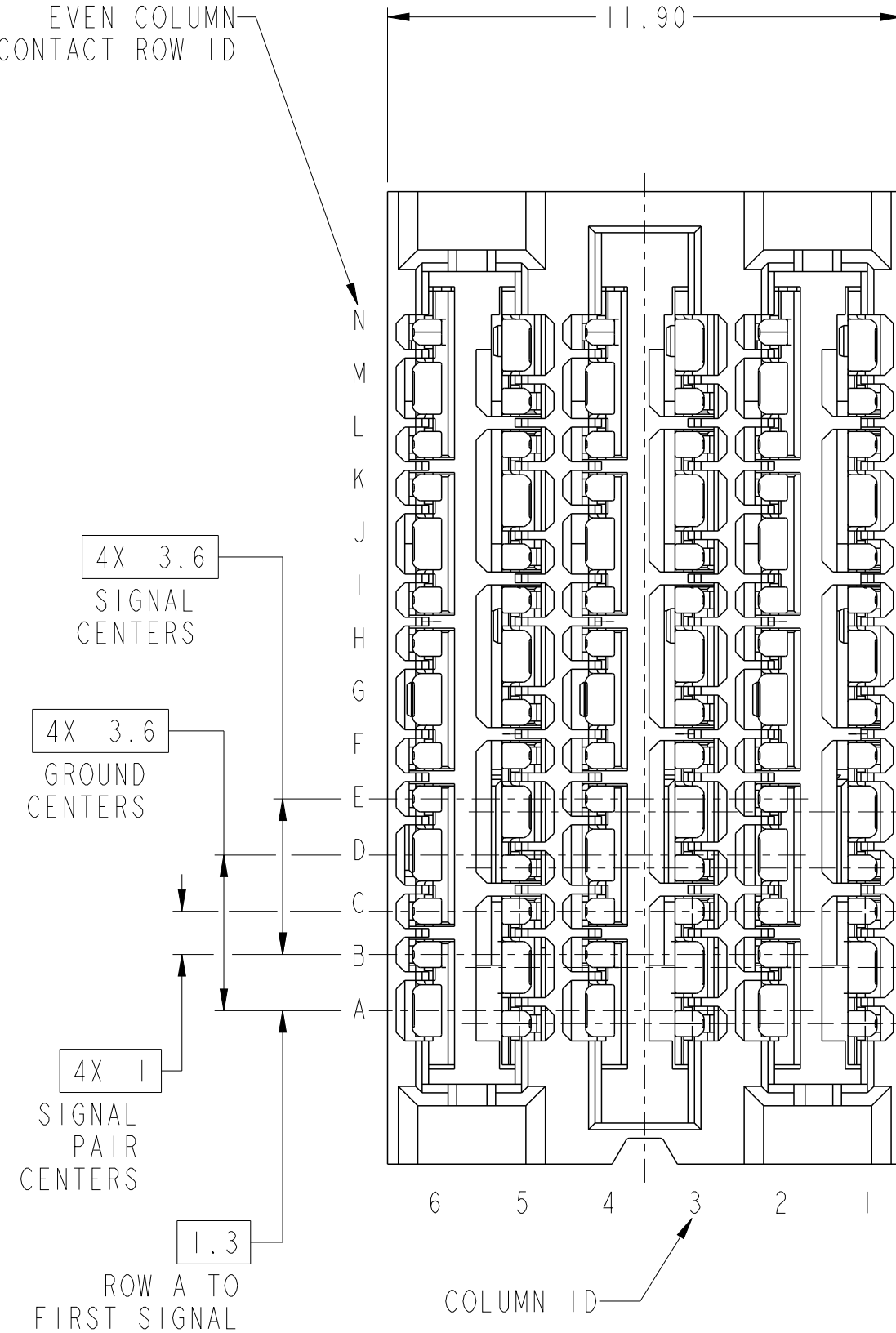
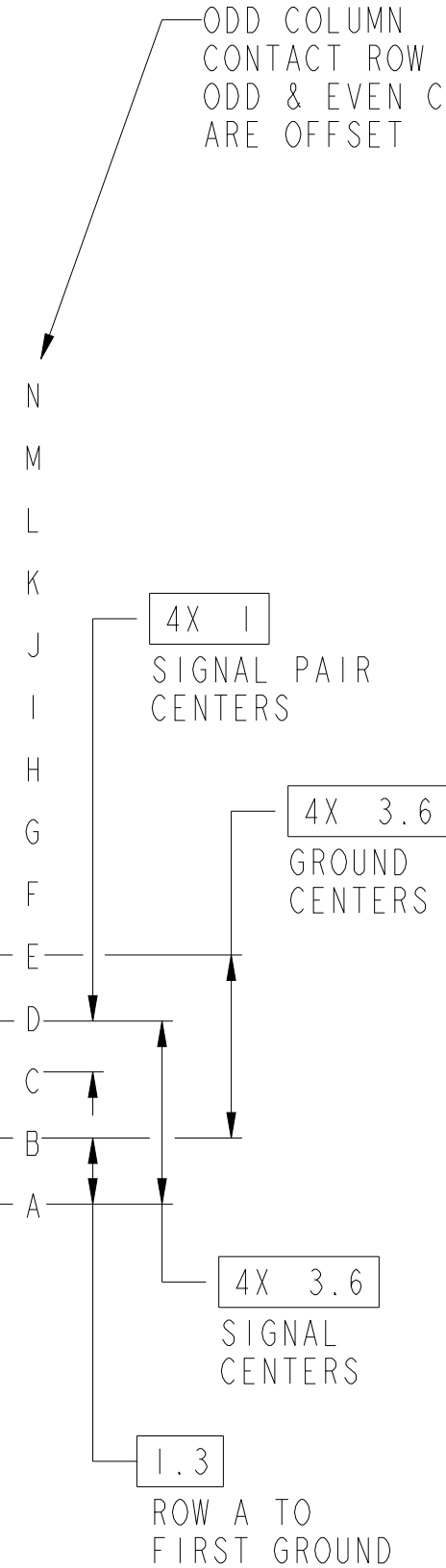


PRODUCT NUMBER  
SEE TABLE

EVEN COLUMN  
CONTACT ROW ID

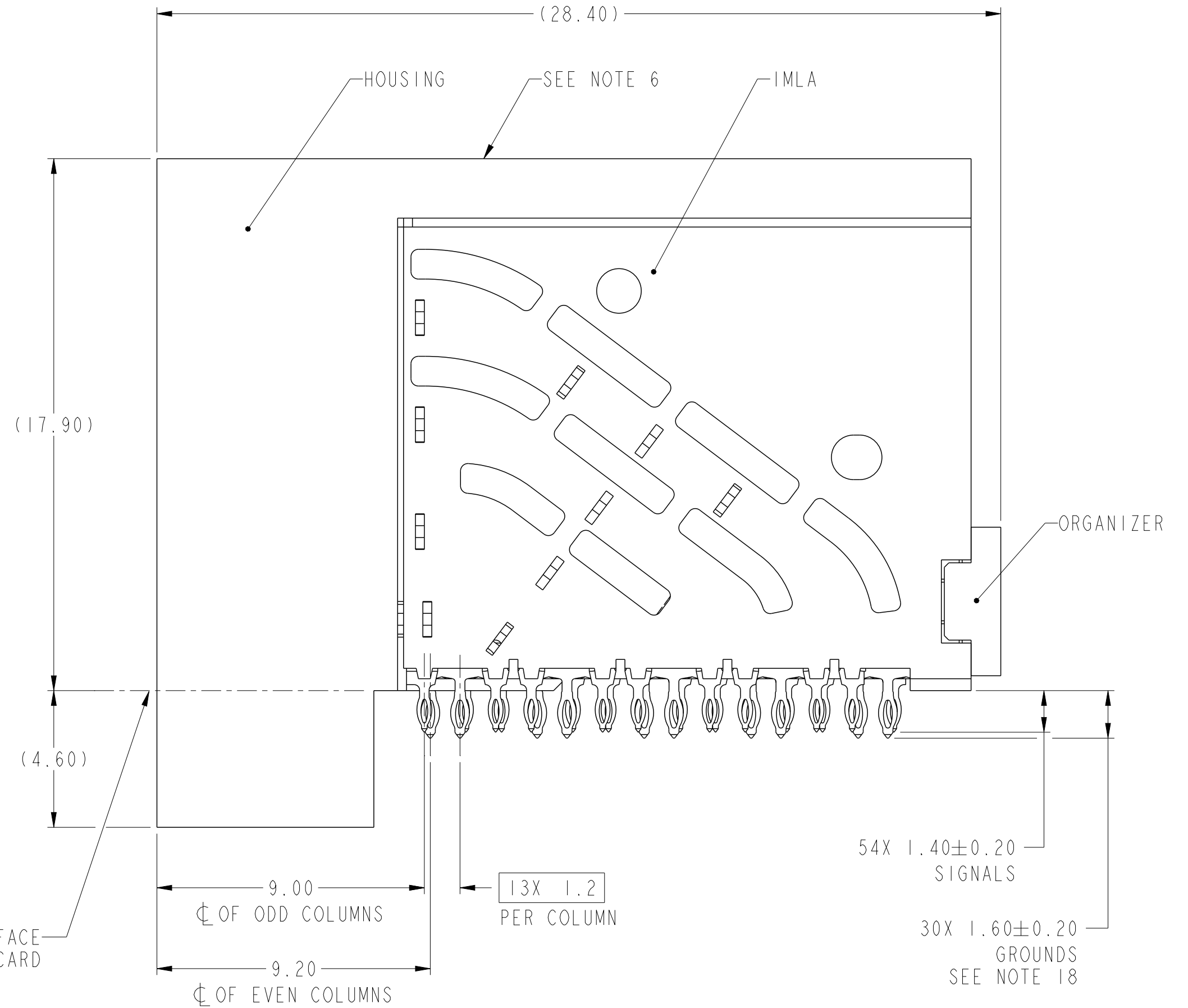


ODD COLUMN  
CONTACT ROW ID  
ODD & EVEN COLUMNS  
ARE OFFSET

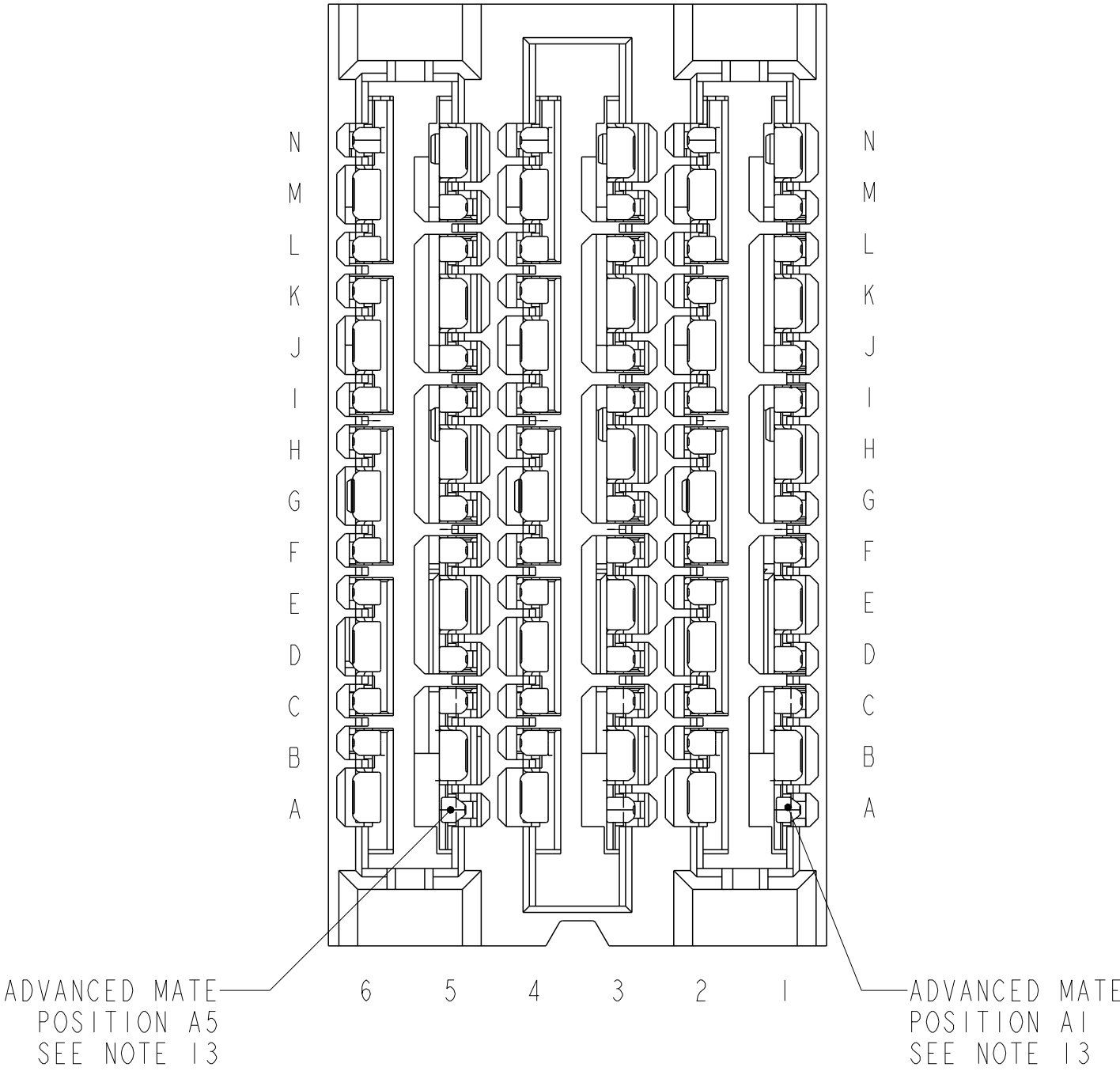


10125055-101LF  
STANDARD MATE RECEPTACLE

TOP SURFACE  
OF DCARD

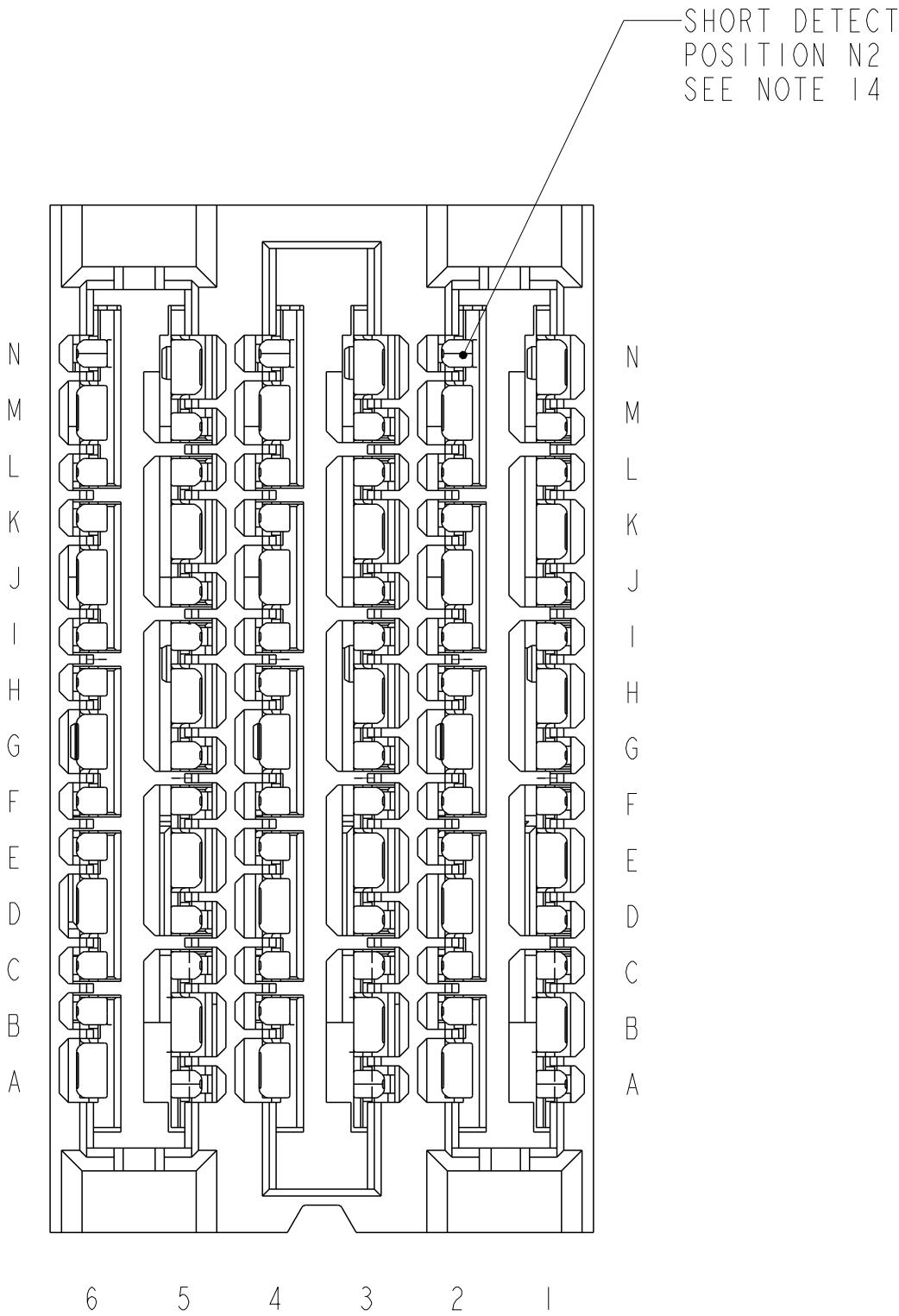


|               |                                     |                 |                |                                                             |                |             |           |                |       |     |
|---------------|-------------------------------------|-----------------|----------------|-------------------------------------------------------------|----------------|-------------|-----------|----------------|-------|-----|
| spec ref      | SEE NOTES                           | dr              | N Eppley       | 2013/04/23                                                  | projection     | MM          | size      | A2             | scale | 7:1 |
| tolerance std | ASME Y14.5M                         | eng             | Peng-Bing Fu   | 2017/11/08                                                  | chr            | Justin Chen | ecn no    | ELX-DG-28221-1 |       |     |
| surface       | -                                   | appr            | Heaven Cen     | 2017/11/30                                                  | product family | ExaMax      | rel level | Released       |       |     |
| linear        | 0.X ±.3<br>0.XX ±.10<br>0.XXX ±.050 | Amphenol<br>FCi | title          | ExaMAX R.A. RECEPTACLE<br>ASS'Y, 4 PR, 84 POS, 6 IMLA, 12MM | dwg no         | 10125055    | rev       | B              |       |     |
| angular       | 0° ±°                               | cat. no.        | 10125055-101LF | Product - Customer Drw                                      | sheet 1 of 10  |             |           |                |       |     |



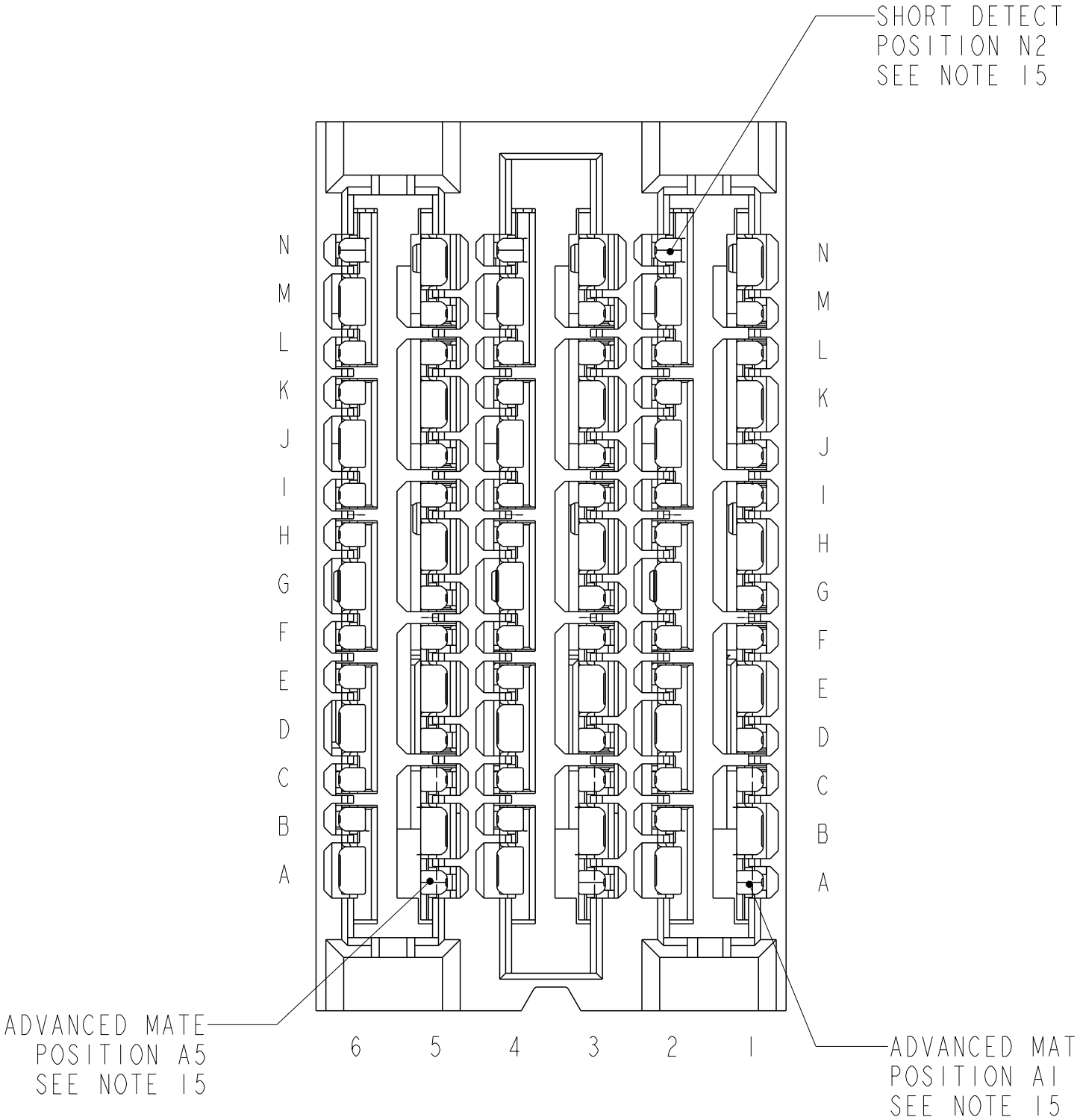
10125055-201LF  
ADVANCED MATE RECEPTACLE  
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A5 ONLY  
FOR ALL DIMENSIONS SEE 10125055-101LF ON SHEET 1

|                           |  |                                       |  |       |      |       |              |                 |            |          |             |                        |               |  |                |                        |                |  |       |               |     |        |  |          |  |  |  |  |  |     |  |   |  |
|---------------------------|--|---------------------------------------|--|-------|------|-------|--------------|-----------------|------------|----------|-------------|------------------------|---------------|--|----------------|------------------------|----------------|--|-------|---------------|-----|--------|--|----------|--|--|--|--|--|-----|--|---|--|
| spec ref                  |  | SEE NOTES                             |  |       | dr   |       | N Eppley     |                 | 2013/04/23 |          | projection  |                        | <div>MM</div> |  | size           |                        | A2             |  | scale |               | 7:1 |        |  |          |  |  |  |  |  |     |  |   |  |
| tolerance std             |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |       | eng  |       | Peng-Bing Fu |                 | 2017/11/08 |          | <div></div> |                        | <div>←</div>  |  | ecn no         |                        | ELX-DG-28221-1 |  |       |               |     |        |  |          |  |  |  |  |  |     |  |   |  |
| ASME Y14.5M               |  |                                       |  |       | chr  |       | Justin Chen  |                 | 2017/11/29 |          |             |                        |               |  | rel level      |                        | Released       |  |       |               |     |        |  |          |  |  |  |  |  |     |  |   |  |
|                           |  |                                       |  |       | appr |       | Heaven Cen   |                 | 2017/11/30 |          |             |                        |               |  | product family |                        | ExaMax         |  |       |               |     |        |  |          |  |  |  |  |  |     |  |   |  |
| surface -<br><div>✓</div> |  | linear                                |  | 0.X   |      | ±.3   |              | Amphenol<br>FCi |            | title    |             | ExaMAX R.A. RECEPTACLE |               |  |                |                        |                |  |       |               |     | dwg no |  | 10125055 |  |  |  |  |  | rev |  | B |  |
|                           |  |                                       |  | 0.XX  |      | ±.10  |              |                 |            |          |             |                        |               |  |                |                        |                |  |       |               |     |        |  |          |  |  |  |  |  |     |  |   |  |
|                           |  |                                       |  | 0.XXX |      | ±.050 |              |                 |            |          |             |                        |               |  |                |                        |                |  |       |               |     |        |  |          |  |  |  |  |  |     |  |   |  |
|                           |  | angular                               |  | 0°    |      | ±°    |              |                 |            | cat. no. |             | 10125055-101LF         |               |  |                | Product - Customer Drw |                |  |       | sheet 2 of 10 |     |        |  |          |  |  |  |  |  |     |  |   |  |



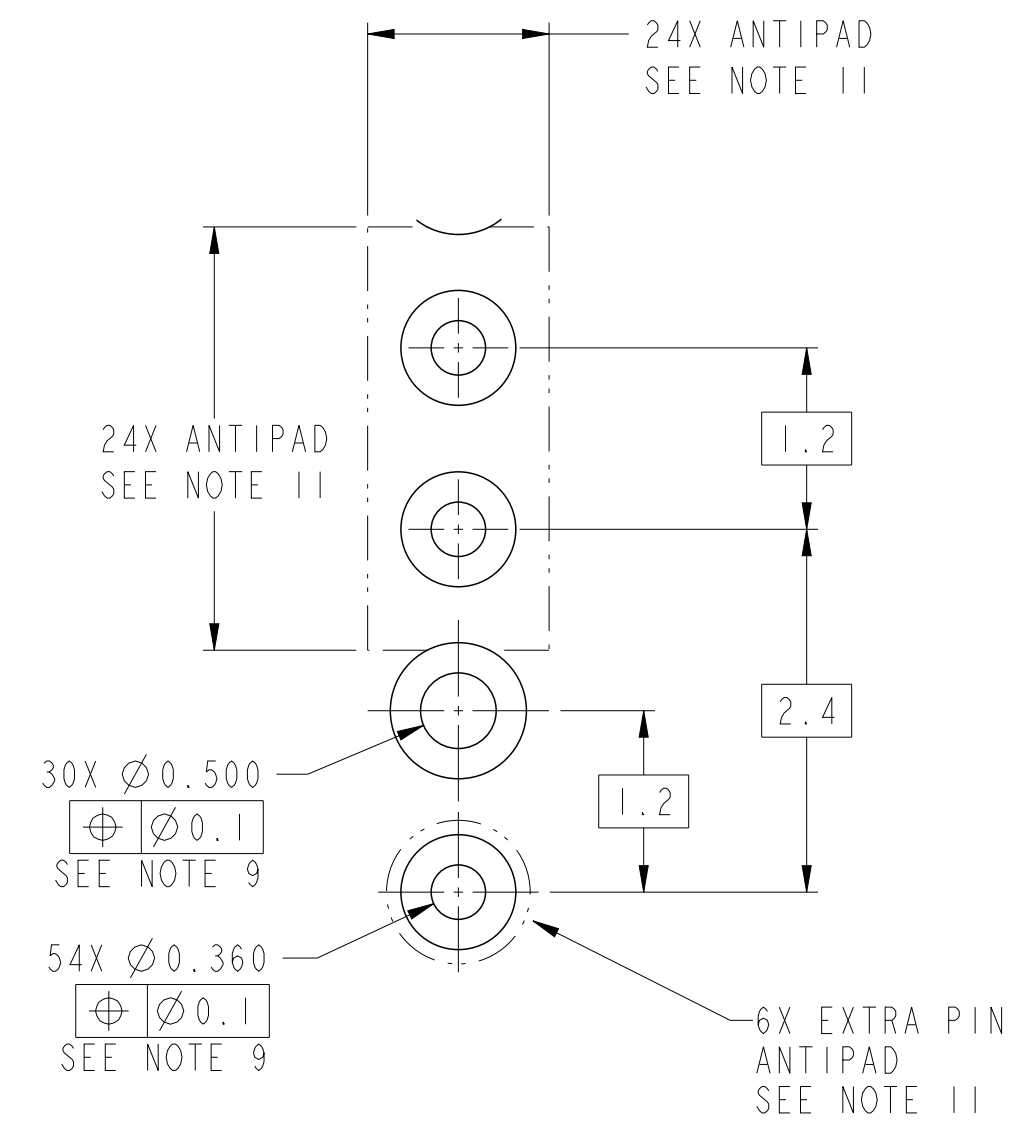
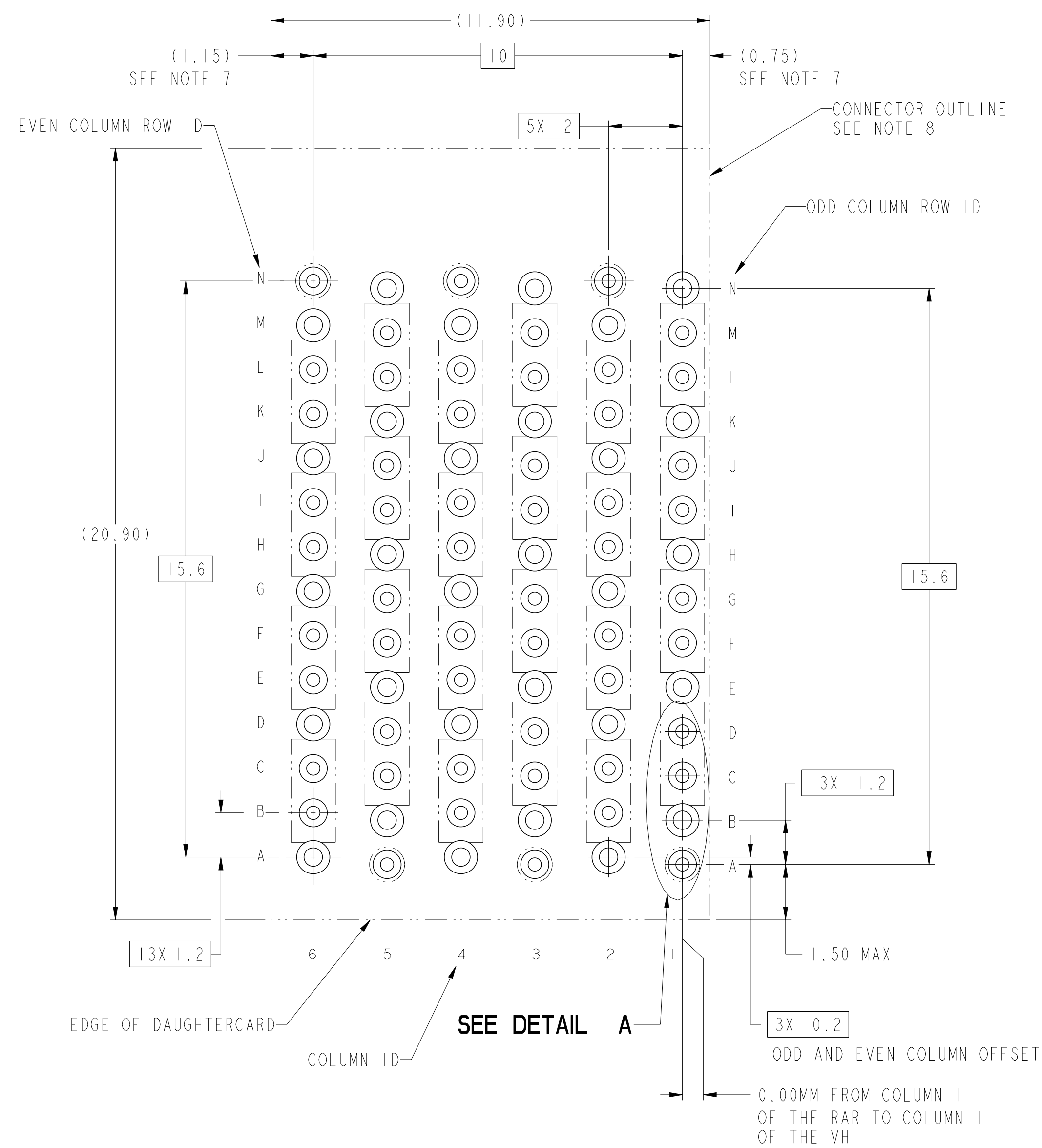
10125055-301LF  
SHORT DETECT RECEPTACLE  
SHORT DETECT POSITION IS N2  
FOR ALL DIMENSIONS SEE 10125055-101LF ON SHEET 1

|                                             |                                       |       |       |                                    |                                                                                                 |                                       |                                                 |                                                                                 |                                          |                                             |     |
|---------------------------------------------|---------------------------------------|-------|-------|------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------|---------------------------------------------|-----|
| spec ref                                    | SEE NOTES                             |       |       | dr                                 | N Eppley                                                                                        | 2013/04/23                            | <div>projection</div> <div></div> <div>MM</div> | size                                                                            | A2                                       | scale                                       | 7:1 |
| tolerance std                               | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |       | eng                                | Peng-Bing Fu                                                                                    | 2017/11/08                            |                                                 | <div>ecn no</div> <div>ELX-DG-28221-1</div>                                     |                                          |                                             |     |
| ASME Y14.5M                                 |                                       |       |       | chr                                | Justin Chen                                                                                     | 2017/11/29                            |                                                 |                                                                                 | <div>rel level</div> <div>Released</div> |                                             |     |
|                                             |                                       |       |       | appr                               | Heaven Cen                                                                                      | 2017/11/30                            |                                                 |                                                                                 |                                          | <div>product family</div> <div>ExaMax</div> |     |
| <div>surface</div> <div>-</div> <div></div> | linear                                | 0.X   | ±.3   | <div>Amphenol</div> <div>FCi</div> | <div>title</div> <div>ExaMAX R.A. RECEPTACLE</div> <div>ASS'Y, 4 PR, 84 POS, 6 IMLA, 12MM</div> | <div>dwg no</div> <div>10125055</div> | <div>rev</div> <div>B</div>                     |                                                                                 |                                          |                                             |     |
|                                             |                                       | 0.XX  | ±.10  |                                    |                                                                                                 |                                       |                                                 |                                                                                 |                                          |                                             |     |
|                                             |                                       | 0.XXX | ±.050 |                                    |                                                                                                 |                                       |                                                 |                                                                                 |                                          |                                             |     |
|                                             | angular                               | 0°    | ±°    |                                    |                                                                                                 |                                       |                                                 | <div>cat. no.</div> <div>10125055-101LF</div> <div>Product - Customer Drw</div> | <div>sheet 3 of 10</div>                 |                                             |     |



10125055-401LF  
ADVANCED MATE/SHORT DETECT RECEPTACLE  
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A5 ONLY  
SHORT DETECT POSITION IS N2  
FOR ALL DIMENSIONS SEE 10125055-101LF ON SHEET 1

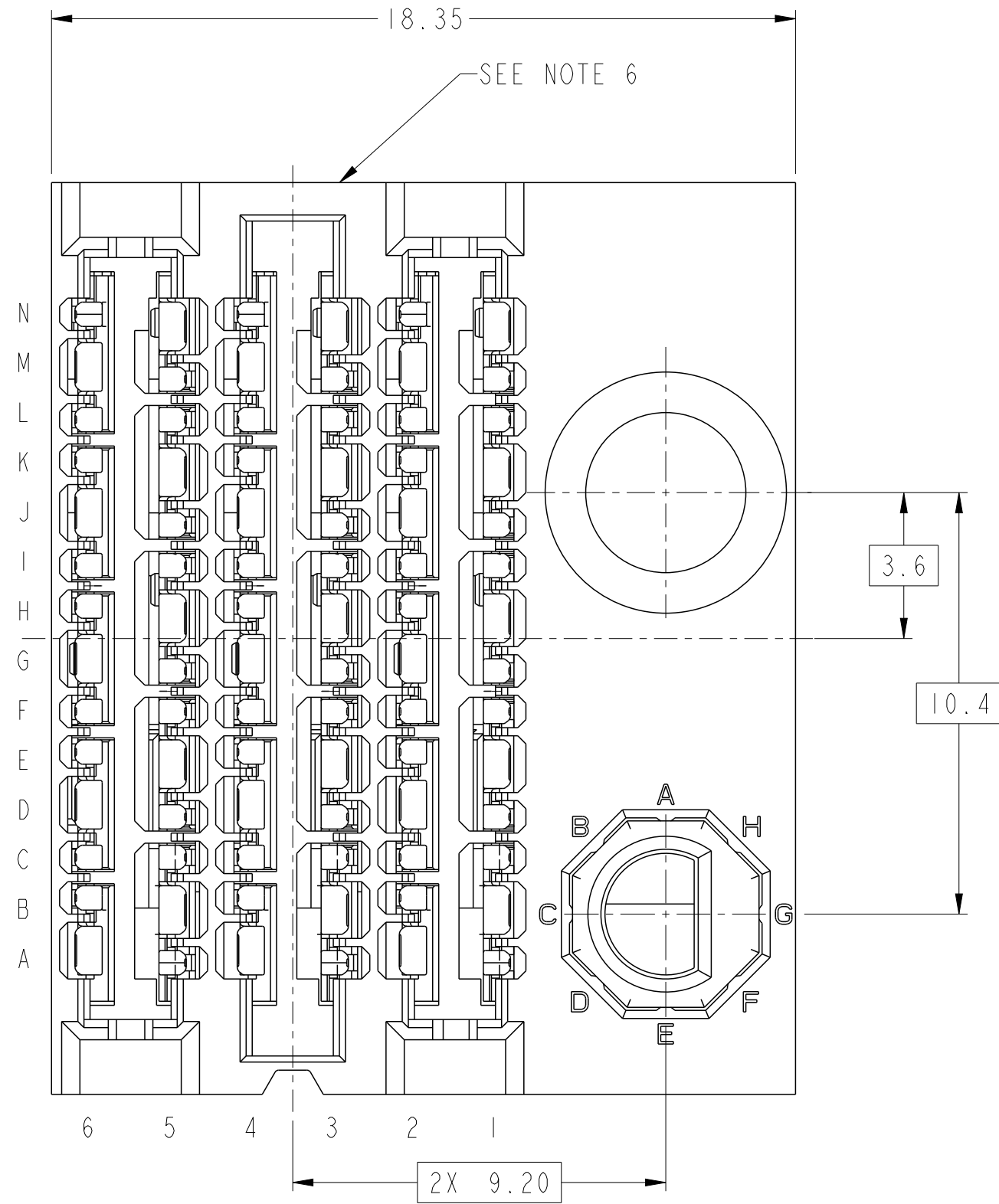
|                           |  |                                       |  |       |      |       |              |                 |            |                |            |                                                             |               |  |                |  |                |  |       |               |     |          |  |     |  |   |  |
|---------------------------|--|---------------------------------------|--|-------|------|-------|--------------|-----------------|------------|----------------|------------|-------------------------------------------------------------|---------------|--|----------------|--|----------------|--|-------|---------------|-----|----------|--|-----|--|---|--|
| spec ref                  |  | SEE NOTES                             |  |       | dr   |       | N Eppley     |                 | 2013/04/23 |                | projection |                                                             | <div>MM</div> |  | size           |  | A2             |  | scale |               | 7:1 |          |  |     |  |   |  |
| tolerance std             |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |       | eng  |       | Peng-Bing Fu |                 | 2017/11/08 |                |            |                                                             |               |  | ecn no         |  | ELX-DG-28221-1 |  |       |               |     |          |  |     |  |   |  |
| ASME Y14.5M               |  |                                       |  |       | chr  |       | Justin Chen  |                 | 2017/11/29 |                |            |                                                             |               |  | rel level      |  | Released       |  |       |               |     |          |  |     |  |   |  |
|                           |  |                                       |  |       | appr |       | Heaven Cen   |                 | 2017/11/30 |                |            |                                                             |               |  | product family |  | ExaMax         |  |       |               |     |          |  |     |  |   |  |
| surface -<br><div>✓</div> |  | linear                                |  | 0.X   |      | ±.3   |              | Amphenol<br>FCi |            | title          |            | ExaMAX R.A. RECEPTACLE<br>ASS'Y, 4 PR, 84 POS, 6 IMLA, 12MM |               |  |                |  |                |  |       | dwg no        |     | 10125055 |  | rev |  | B |  |
|                           |  |                                       |  | 0.XX  |      | ±.10  |              |                 |            |                |            |                                                             |               |  |                |  |                |  |       |               |     |          |  |     |  |   |  |
|                           |  |                                       |  | 0.XXX |      | ±.050 |              |                 |            |                |            |                                                             |               |  |                |  |                |  |       |               |     |          |  |     |  |   |  |
|                           |  | angular                               |  | 0°    |      | ±°    |              | cat. no.        |            | 10125055-101LF |            | Product - Customer Drw                                      |               |  |                |  |                |  |       | sheet 4 of 10 |     |          |  |     |  |   |  |



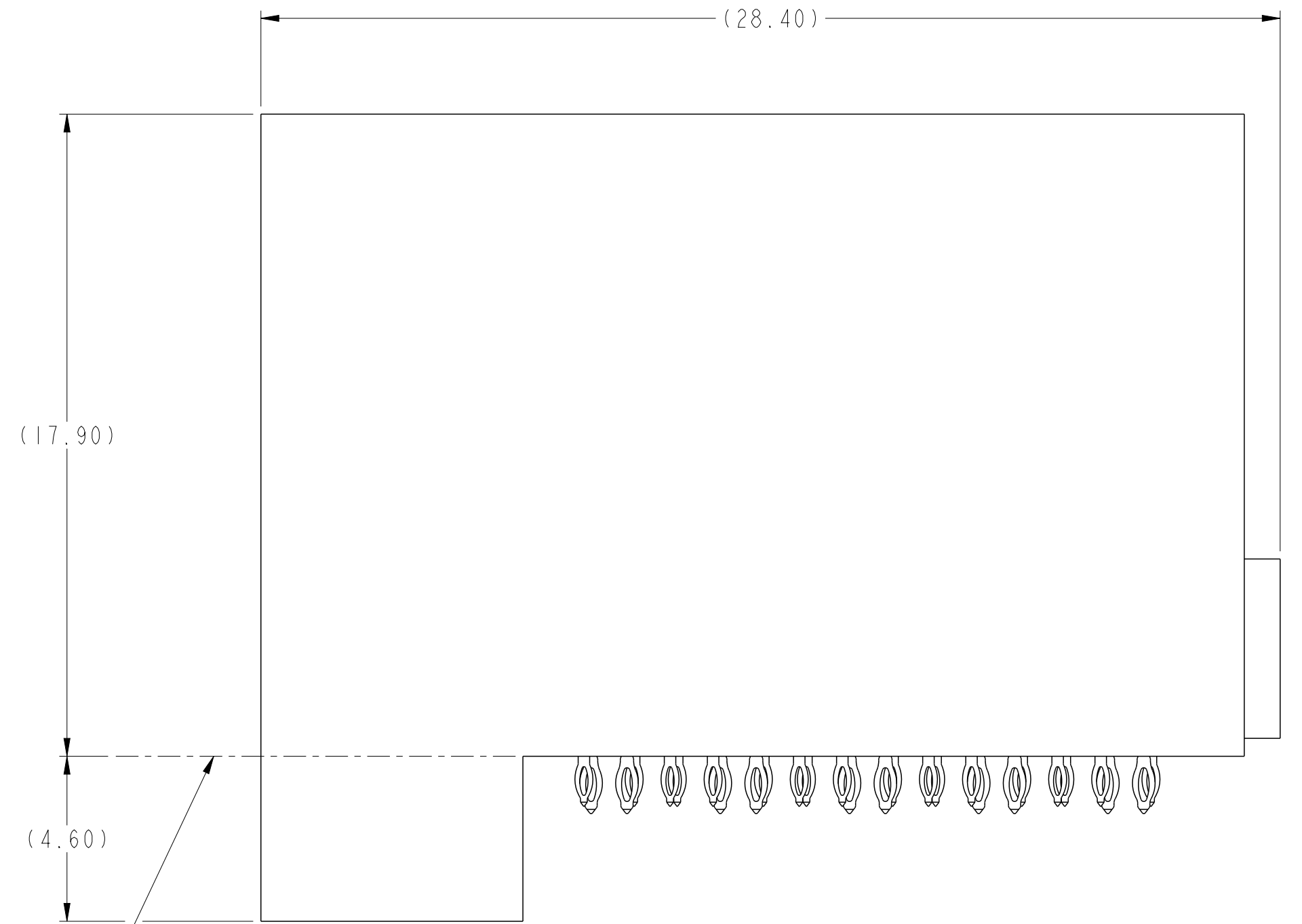
DETAIL A  
SCALE 20:1

10125055-X01LF RECOMMENDED PCB LAYOUT  
COMPONENT SIDE  
NOTES 7, 8, 9, & 11  
SCALE 10:1

|               |  |                                       |  |        |  |                 |  |            |  |                        |  |        |  |                        |  |                |  |       |  |               |  |
|---------------|--|---------------------------------------|--|--------|--|-----------------|--|------------|--|------------------------|--|--------|--|------------------------|--|----------------|--|-------|--|---------------|--|
| spec ref      |  | SEE NOTES                             |  | dr     |  | N Eppley        |  | 2013/04/23 |  | projection             |  | MM     |  | size                   |  | A2             |  | scale |  | 7:1           |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  | eng    |  | Peng-Bing Fu    |  | 2017/11/08 |  |                        |  |        |  | ecn no                 |  | ELX-DG-28221-1 |  |       |  |               |  |
| ASME Y14.5M   |  |                                       |  | chr    |  | Justin Chen     |  | 2017/11/29 |  |                        |  |        |  | rel level              |  | Released       |  |       |  |               |  |
|               |  |                                       |  | appr   |  | Heaven Cen      |  | 2017/11/30 |  |                        |  |        |  | product family         |  |                |  |       |  |               |  |
| surface       |  |                                       |  | linear |  | Amphenol<br>FCi |  | title      |  | ExaMAX R.A. RECEPTACLE |  | dwg no |  | 10125055               |  | rev            |  | B     |  |               |  |
|               |  |                                       |  | 0.X    |  |                 |  |            |  |                        |  |        |  |                        |  |                |  |       |  | ±.3           |  |
|               |  |                                       |  | 0.XX   |  |                 |  |            |  |                        |  |        |  |                        |  |                |  |       |  | ±.10          |  |
|               |  |                                       |  | 0.XXX  |  |                 |  | ±.050      |  |                        |  |        |  |                        |  |                |  |       |  |               |  |
|               |  | angular                               |  | 0°     |  |                 |  | ±°         |  |                        |  |        |  |                        |  |                |  |       |  |               |  |
|               |  |                                       |  |        |  |                 |  |            |  | cat. no.               |  | -      |  | Product - Customer Drw |  |                |  |       |  | sheet 5 of 10 |  |

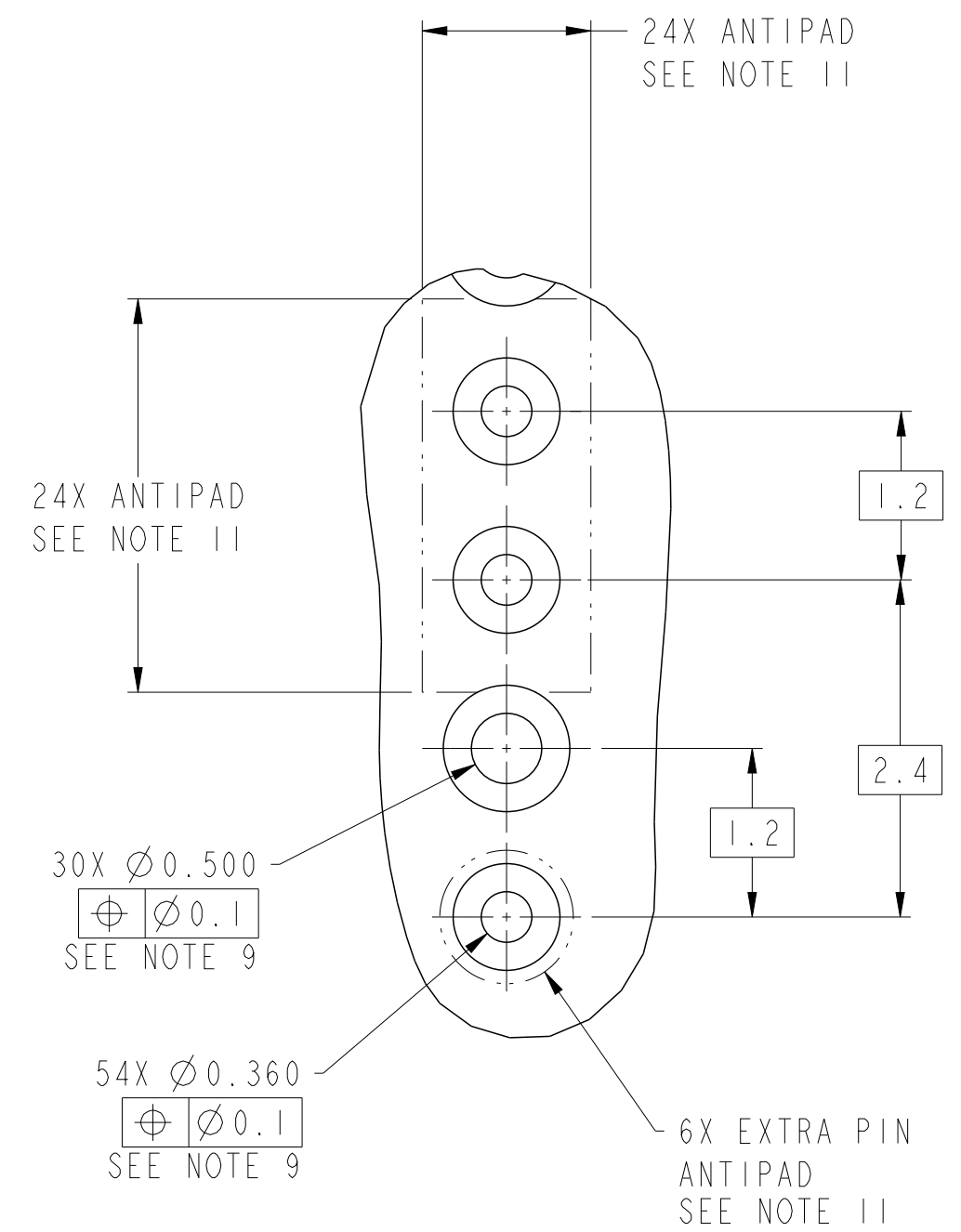
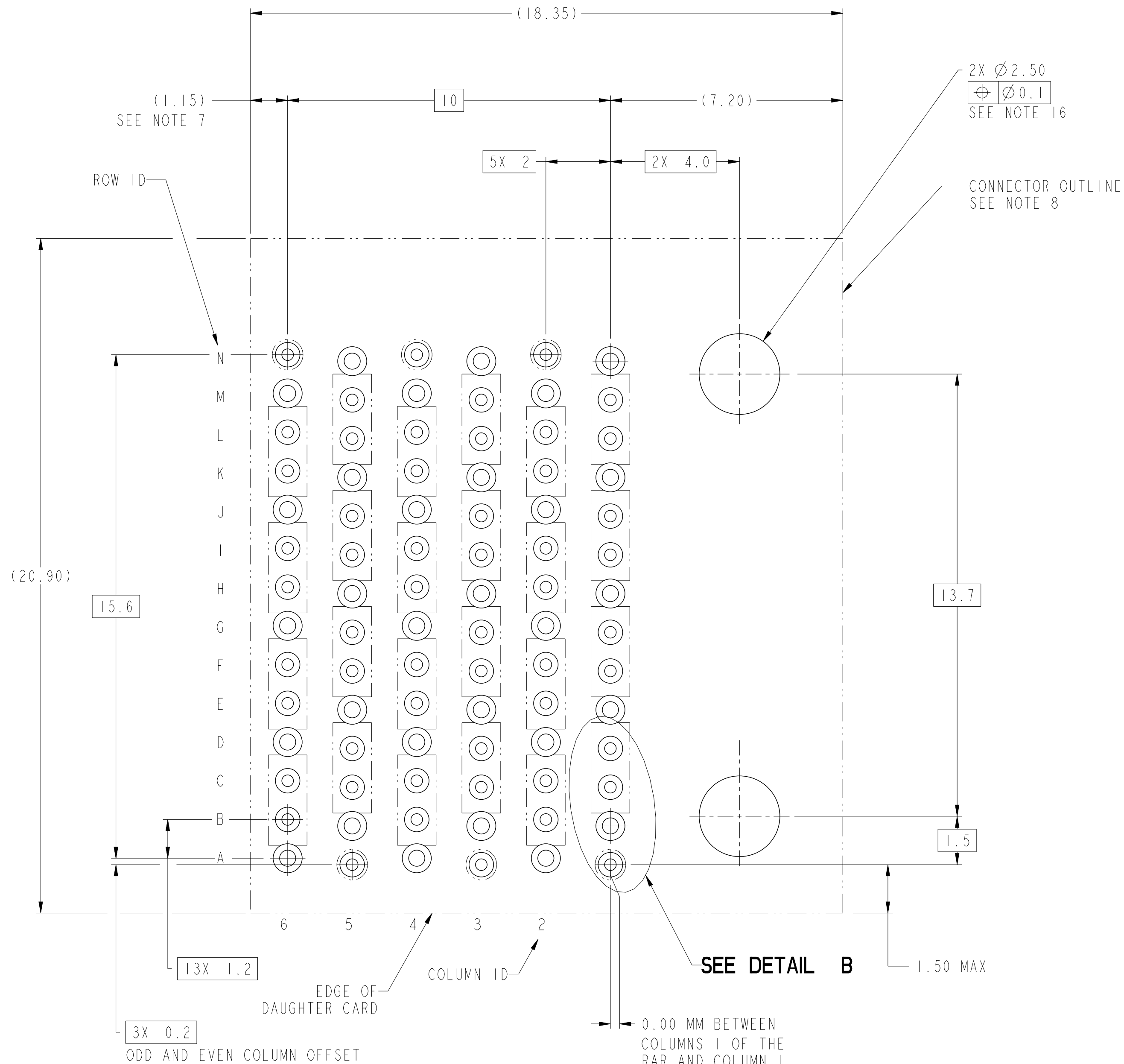


TOP SURFACE  
OF DAUGHTER CARD



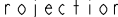
10125055-X1ALF THRU 10125055-X1JLF  
RIGHT GUIDANCE (SEE NOTE 17)  
FOR ALL OTHER DIMENSIONS SEE 10125055-101LF ON SHEET 1

|               |  |                                       |  |            |     |            |              |                |            |          |            |                        |  |  |           |                        |                |        |       |               |     |        |  |          |  |  |  |  |  |     |  |   |  |
|---------------|--|---------------------------------------|--|------------|-----|------------|--------------|----------------|------------|----------|------------|------------------------|--|--|-----------|------------------------|----------------|--------|-------|---------------|-----|--------|--|----------|--|--|--|--|--|-----|--|---|--|
| spec ref      |  | SEE NOTES                             |  |            | dr  |            | N Eppley     |                | 2013/04/23 |          | projection |                        |  |  | size      |                        | A2             |        | scale |               | 7:1 |        |  |          |  |  |  |  |  |     |  |   |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |            | eng |            | Peng-Bing Fu |                | 2017/11/08 |          |            |                        |  |  | ecn no    |                        | ELX-DG-28221-1 |        |       |               |     |        |  |          |  |  |  |  |  |     |  |   |  |
| ASME Y14.5M   |  |                                       |  |            | chr |            | Justin Chen  |                | 2017/11/29 |          |            |                        |  |  | rel level |                        | Released       |        |       |               |     |        |  |          |  |  |  |  |  |     |  |   |  |
|               |  | appr                                  |  | Heaven Cen |     | 2017/11/30 |              | product family |            |          |            |                        |  |  |           |                        |                | ExaMax |       |               |     |        |  |          |  |  |  |  |  |     |  |   |  |
| surface -     |  | linear                                |  | 0.X        |     | ±.3        |              |                |            | title    |            | ExaMAX R.A. RECEPTACLE |  |  |           |                        |                |        |       |               |     | dwg no |  | 10125055 |  |  |  |  |  | rev |  | B |  |
|               |  |                                       |  | 0.XX       |     | ±.10       |              |                |            |          |            |                        |  |  |           |                        |                |        |       |               |     |        |  |          |  |  |  |  |  |     |  |   |  |
|               |  |                                       |  | 0.XXX      |     | ±.050      |              |                |            |          |            |                        |  |  |           |                        |                |        |       |               |     |        |  |          |  |  |  |  |  |     |  |   |  |
|               |  | angular                               |  | 0°         |     | ±°         |              |                |            | cat. no. |            | 10125055-101LF         |  |  |           | Product - Customer Drw |                |        |       | sheet 6 of 10 |     |        |  |          |  |  |  |  |  |     |  |   |  |

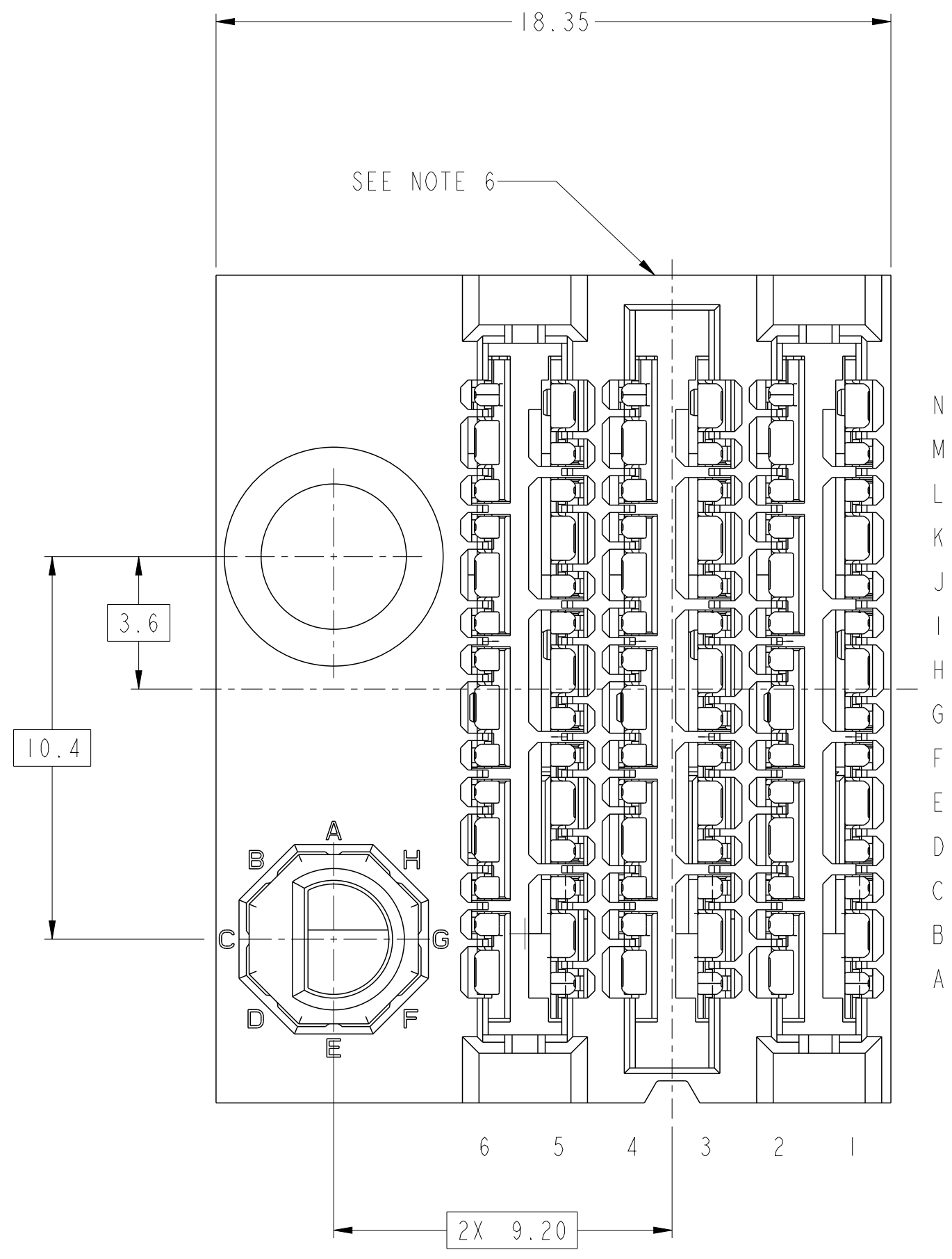


DETAIL B  
SCALE 20:1

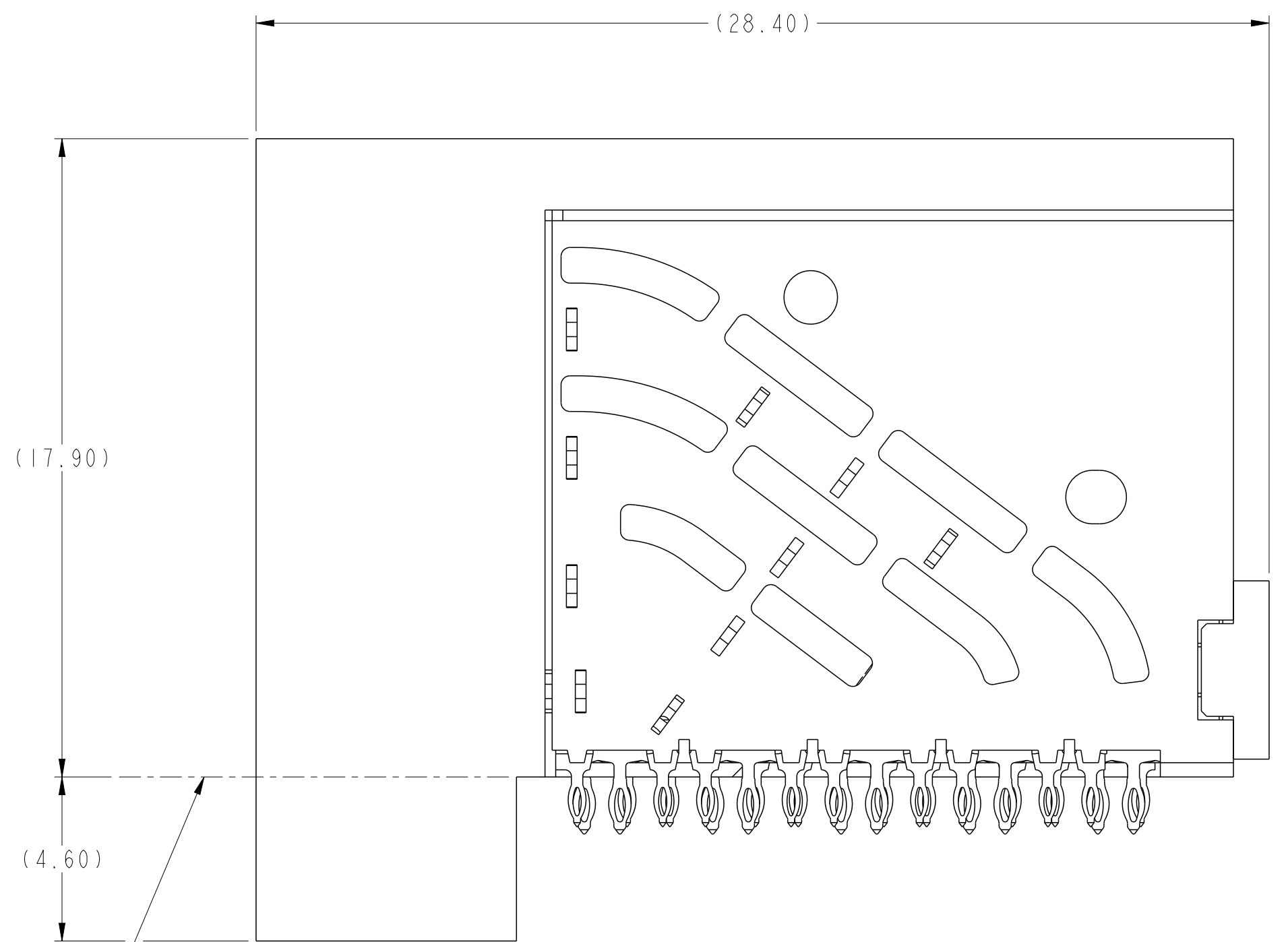
10125055-X1ALF THRU -X1JLF  
RECOMMENDED PCB LAYOUT  
COMPONENT SIDE  
NOTES 7, 8, 9, 11 & 16  
SCALE 10:1

|                                                                                                    |  |                                       |  |                                     |  |                 |  |            |  |                                                                                       |  |          |  |                |  |          |  |               |  |
|----------------------------------------------------------------------------------------------------|--|---------------------------------------|--|-------------------------------------|--|-----------------|--|------------|--|---------------------------------------------------------------------------------------|--|----------|--|----------------|--|----------|--|---------------|--|
| spec ref                                                                                           |  | SEE NOTES                             |  | dr                                  |  | N Eppley        |  | 2013/04/23 |  | projection                                                                            |  | size     |  | scale          |  |          |  |               |  |
| tolerance std                                                                                      |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  | eng                                 |  | Peng-Bing Fu    |  | 2017/11/08 |  |  |  | A2       |  | 1:1            |  |          |  |               |  |
| ASME Y14.5M                                                                                        |  |                                       |  | chr                                 |  | Justin Chen     |  | 2017/11/29 |  |                                                                                       |  | ecn no   |  | ELX-DG-28221-1 |  |          |  |               |  |
|                                                                                                    |  |                                       |  | appr                                |  | Heaven Cen      |  | 2017/11/30 |  | product family                                                                        |  | -        |  | rel level      |  | Released |  |               |  |
| surface -<br> |  | linear                                |  | 0.X ±.3<br>0.XX ±.10<br>0.XXX ±.050 |  | Amphenol<br>FCI |  | title      |  | EXaMAX R.A. RECEPTACLE<br>ASS'Y, 4 PR, 84 POS, 6 IMLA, 12MM                           |  | dwg no   |  | 10125055       |  | rev      |  | B             |  |
|                                                                                                    |  |                                       |  |                                     |  |                 |  |            |  |                                                                                       |  |          |  |                |  |          |  |               |  |
|                                                                                                    |  |                                       |  |                                     |  |                 |  |            |  |                                                                                       |  |          |  |                |  |          |  |               |  |
|                                                                                                    |  | angular                               |  | 0° ±                                |  |                 |  | cat. no.   |  | -                                                                                     |  | Product- |  | Customer       |  | Drw      |  | sheet 7 of 10 |  |

10125055-X2ALF THRU 10125055-X2JLF  
LEFT GUIDANCE (SEE NOTE 17)  
FOR ALL OTHER DIMENSIONS SEE 10125055-101LF ON SHEET 1

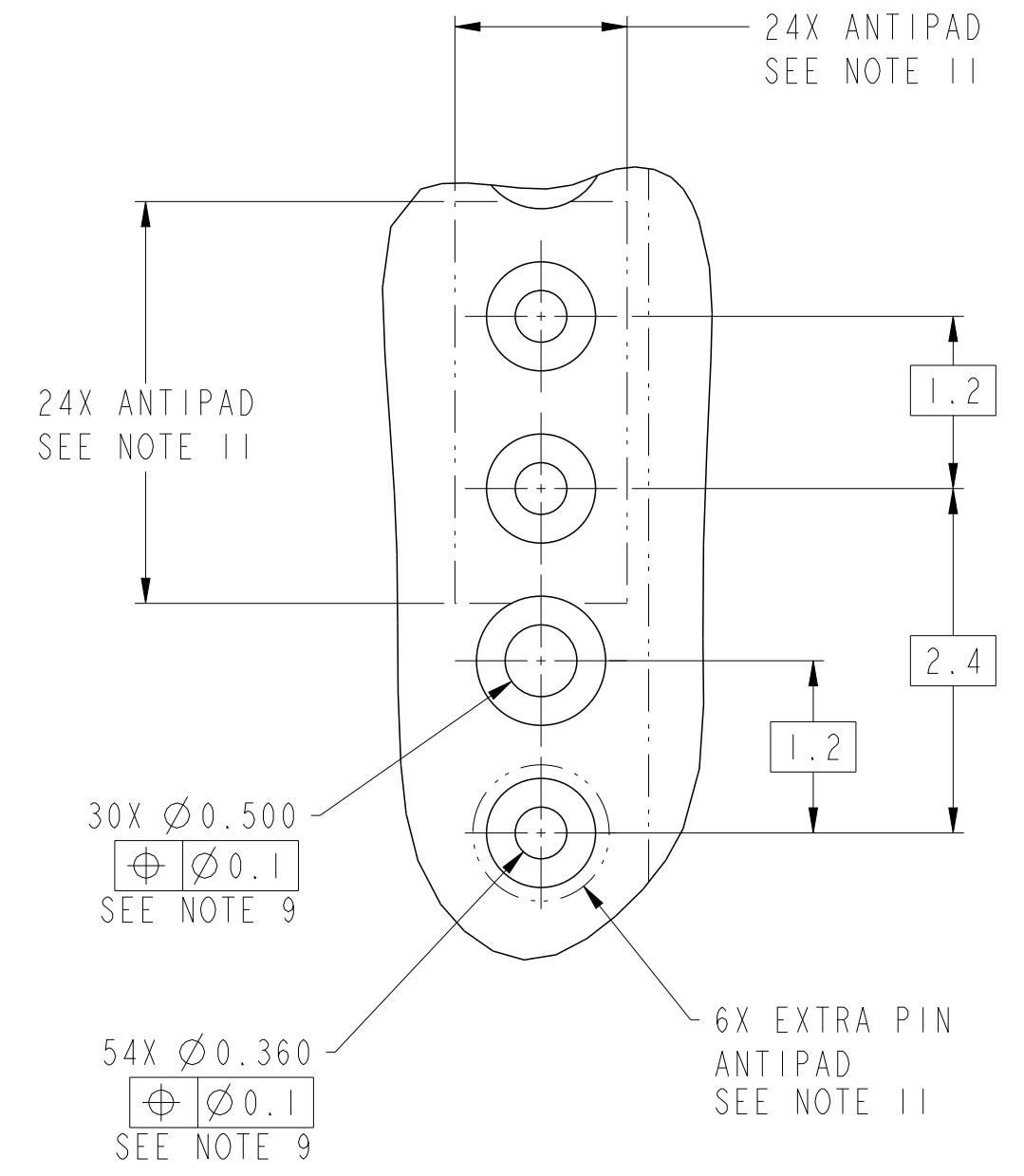
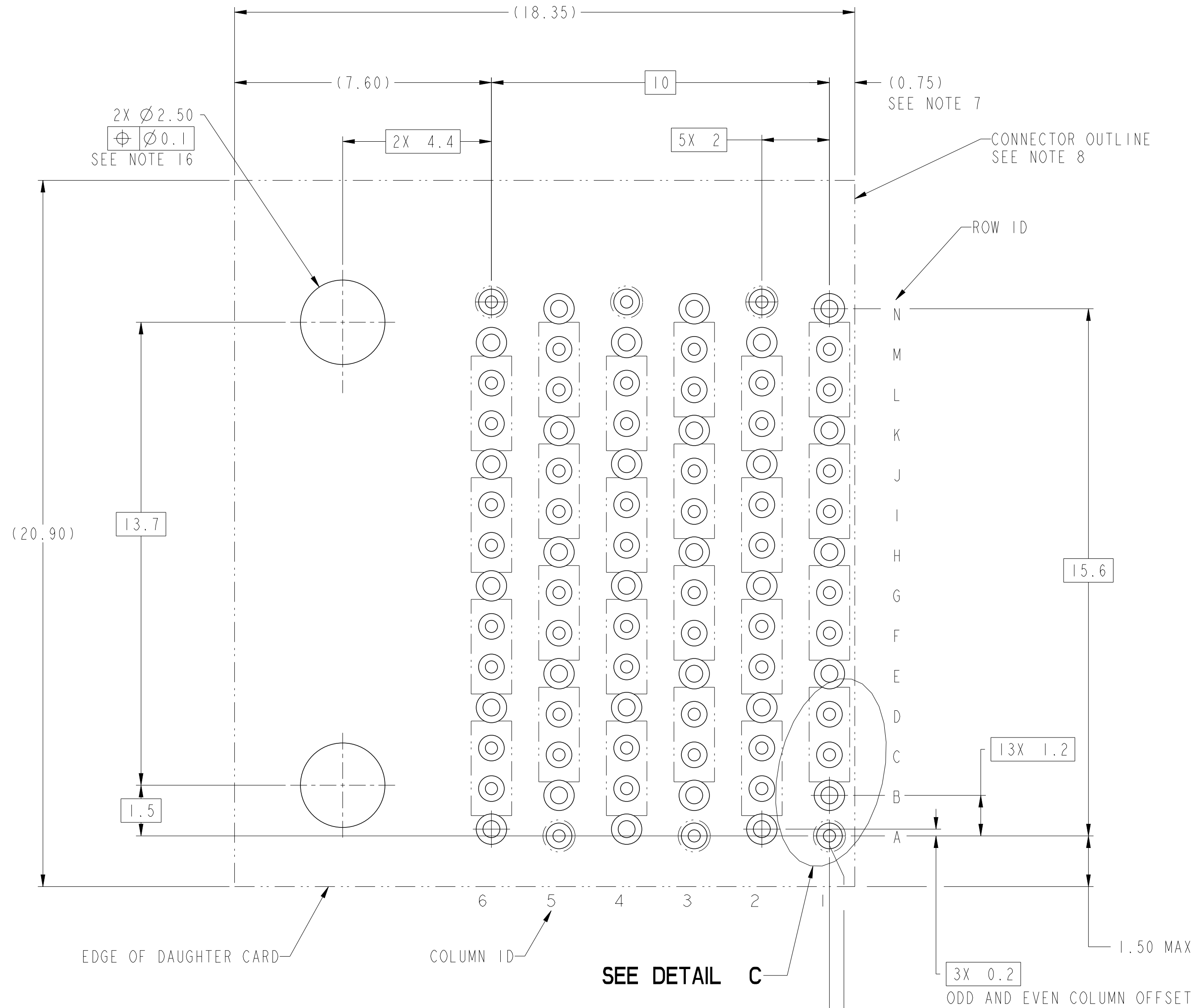


TOP SURFACE  
OF DAUGHTER CARD



|               |  |                                       |  |         |      |              |              |                |            |                        |            |               |    |          |                |     |                |   |       |             |     |  |
|---------------|--|---------------------------------------|--|---------|------|--------------|--------------|----------------|------------|------------------------|------------|---------------|----|----------|----------------|-----|----------------|---|-------|-------------|-----|--|
| spec ref      |  | SEE NOTES                             |  |         | dr   |              | N Eppley     |                | 2013/04/23 |                        | projection |               | MM |          | size           |     | A2             |   | scale |             | 7:1 |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |         | eng  |              | Peng-Bing Fu |                | 2017/11/08 |                        |            |               |    |          | ecn no         |     | ELX-DG-28221-1 |   |       |             |     |  |
| ASME Y14.5M   |  |                                       |  |         | chr  |              | Justin Chen  |                | 2017/11/29 |                        |            |               |    |          | rel level      |     | Released       |   |       |             |     |  |
|               |  |                                       |  |         | appr |              | Heaven Cen   |                | 2017/11/30 |                        |            |               |    |          | product family |     | ExaMax         |   |       |             |     |  |
| surface -     |  | linear                                |  | 0.X ±.3 |      | Amphenol FCI |              | title          |            | ExaMAX R.A. RECEPTACLE |            | dwg no        |    | 10125055 |                | rev |                | B |       |             |     |  |
|               |  |                                       |  |         |      |              |              |                |            |                        |            |               |    |          |                |     |                |   |       | 0.XX ±.10   |     |  |
|               |  |                                       |  |         |      |              |              |                |            |                        |            |               |    |          |                |     |                |   |       | 0.XXX ±.050 |     |  |
|               |  | angular                               |  | 0° ±°   |      | cat. no.     |              | 10125055-101LF |            | Product - Customer Drw |            | sheet 8 of 10 |    |          |                |     |                |   |       |             |     |  |

A  
B  
C  
D  
E  
F



DETAIL C  
SCALE 20:1

10125055-X2ALF THRU -X2JLF  
RECOMMENDED PCB LAYOUT  
COMPONENT SIDE  
NOTES 7, 8, 9, 11 & 16  
SCALE 10:1

|               |                                       |           |            |            |                 |            |                                   |                           |        |                |          |           |          |
|---------------|---------------------------------------|-----------|------------|------------|-----------------|------------|-----------------------------------|---------------------------|--------|----------------|----------|-----------|----------|
| spec ref      |                                       | SEE NOTES |            | dr         | N Eppley        | 2013/04/23 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size   | A2             | scale    | 7:1       |          |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |           |            | eng        | Peng-Bing Fu    | 2017/11/08 |                                   |                           | ecn no | ELX-DG-28221-1 |          |           |          |
| ASME Y14.5M   |                                       |           |            | chr        | Justin Chen     | 2017/11/29 |                                   |                           |        | product family | -        | rel level | Released |
|               |                                       | appr      | Heaven Cen | 2017/11/30 |                 |            |                                   |                           |        |                |          |           |          |
| surface       | -<br>                                 | linear    | 0.X        | ±.3        | Amphenol<br>FCi | title      | ExaMAX R.A. RECEPTACLE            |                           |        | dwg no         | 10125055 |           | rev      |
|               |                                       |           | 0.XX       | ±.10       |                 |            |                                   |                           |        |                |          |           |          |
|               |                                       |           | 0.XXX      | ±.050      |                 |            |                                   |                           |        |                |          |           |          |
|               |                                       | angular   | 0°         | ±°         |                 |            |                                   |                           |        |                |          |           |          |

NOTES:

- ① - CONNECTOR MATERIALS:  
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0  
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0  
CONTACT: COPPER ALLOY  
ORGANIZER: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
- 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, (PROTOTYPE, PART NUMBER & LOT CODE), ON THIS SURFACE.
- ⑦ - THE MINIMUM VIA SPACING BETWEEN STACKED CONNECTORS IS 2.0 MM FOR THIS RAR AND THE MATING HEADER. 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 ROUTING GUIDE GS-20-0511 FOR RECOMMENDATIONS ON OPTIMIZATION OF FOOTPRINT AND TRACE ROUTING LAYOUT.
- 12 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 10-30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- ⑬ - THE ADVANCED MATE RECEPTACLE, 10125055-2XXLF, WHEN MATED WITH AN ADVANCED MATE VERTICAL HEADER OR AN ADVANCED MATE RIGHT ANGLE HEADER, WILL PROVIDE 2 PAIRS OF MATING CONTACTS THAT MATE 0.75MM BEFORE THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.

- ⑭ - THE SHORT DETECT RECEPTACLE, 10125055-3XXLF, WHEN MATED WITH A STANDARD MATE VERTICAL HEADER OR A STANDARD MATE RIGHT ANGLE HEADER, 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 RECEPTACLE, 10125055-4XXLF, WHEN MATED WITH AN ADVANCED MATE VERTICAL HEADER OR AN ADVANCED MATE RIGHT ANGLE HEADER, 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, TWO PHILLIPS PAN HEAD M2 HOLD DOWN SCREWS MUST BE USED TO SECURE THE CONNECTOR TO THE PCB. THE SCREW LENGTH SHALL BE 2.0-6.0mm PLUS THE THICKNESS OF THE BOARD. SCREWS ARE NOT PROVIDED WITH CONNECTOR.
- ⑰ - LEFT / RIGHT INTEGRATED GUIDE ORIENTATION IS DETERMINED BY THE LOCATION OF THE GUIDE FEATURE WHEN LOOKING AT THE MATING FACE OF THE RIGHT ANGLE RECEPTACLE. THE LEFT / RIGHT DESIGNATION OF THE MATING HEADER IS DEFINED BY THE RIGHT ANGEL RECEPTACLE THAT IT MATES WITH(i. e. A RIGHT GUIDE VERTICAL HEADER MATES WITH A RIGHT GUIDE RIGHT ANGLE RECEPTACLE.)
- ⑱ - ALL GROUND CONTACTS ARE COMMONED WITHIN A COLUMN.

|               |  |                                       |  |             |             |        |              |          |            |     |             |                        |               |       |                |                                                             |                |  |       |  |     |                |  |  |  |        |  |          |  |     |  |   |  |
|---------------|--|---------------------------------------|--|-------------|-------------|--------|--------------|----------|------------|-----|-------------|------------------------|---------------|-------|----------------|-------------------------------------------------------------|----------------|--|-------|--|-----|----------------|--|--|--|--------|--|----------|--|-----|--|---|--|
| spec ref      |  | SEE NOTES                             |  |             | dr          |        | N Eppley     |          | 2013/04/23 |     | projection  |                        | <div>MM</div> |       | size           |                                                             | A2             |  | scale |  | 1:1 |                |  |  |  |        |  |          |  |     |  |   |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |             | eng         |        | Peng-Bing Fu |          | 2017/11/08 |     | <div></div> |                        | <div></div>   |       | ecn no         |                                                             | ELX-DG-28221-1 |  |       |  |     |                |  |  |  |        |  |          |  |     |  |   |  |
| chr           |  |                                       |  |             | Justin Chen |        | 2017/11/29   |          | rel level  |     |             |                        |               |       | Released       |                                                             |                |  |       |  |     |                |  |  |  |        |  |          |  |     |  |   |  |
| ASME Y14.5M   |  |                                       |  |             | appr        |        | Heaven Cen   |          | 2017/11/30 |     |             |                        |               |       | product family |                                                             | -              |  |       |  |     |                |  |  |  |        |  |          |  |     |  |   |  |
| surface       |  | -                                     |  | <div></div> |             | linear |              | 0.X      |            | ±.3 |             | Amphenol<br>FCI        |               | title |                | ExaMAX R.A. RECEPTACLE<br>ASS'Y, 4 PR, 84 POS, 6 IMLA, 12MM |                |  |       |  |     |                |  |  |  | dwg no |  | 10125055 |  | rev |  | B |  |
|               |  | 0.XX                                  |  |             |             |        |              | ±.10     |            |     |             |                        |               |       |                |                                                             |                |  |       |  |     |                |  |  |  |        |  |          |  |     |  |   |  |
|               |  | 0.XXX                                 |  |             |             |        |              | ±.050    |            |     |             |                        |               |       |                |                                                             |                |  |       |  |     |                |  |  |  |        |  |          |  |     |  |   |  |
|               |  | angular                               |  | 0°          |             | ±°     |              | cat. no. |            | -   |             | Product - Customer Drw |               |       |                |                                                             |                |  |       |  |     | sheet 10 of 10 |  |  |  |        |  |          |  |     |  |   |  |