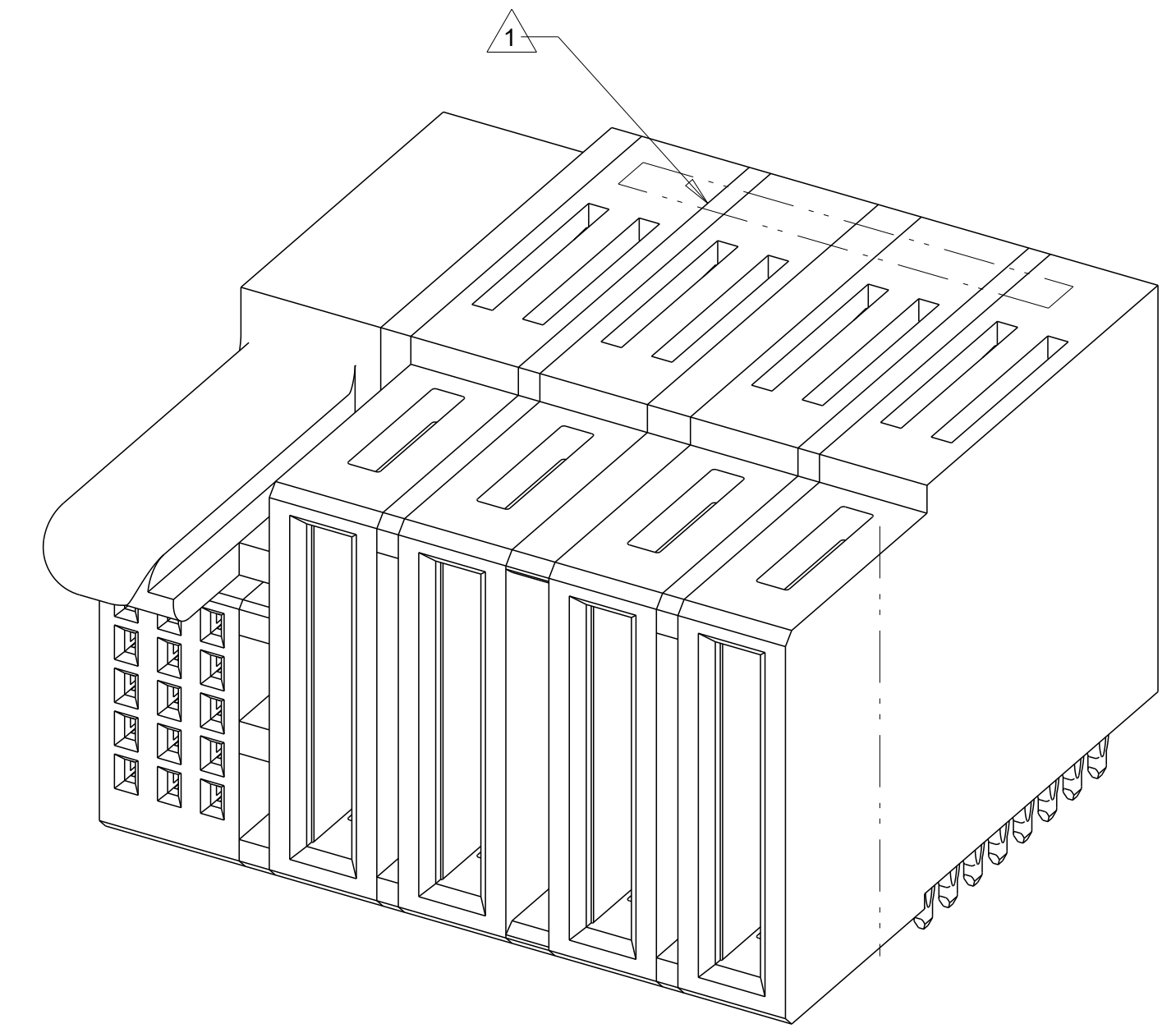
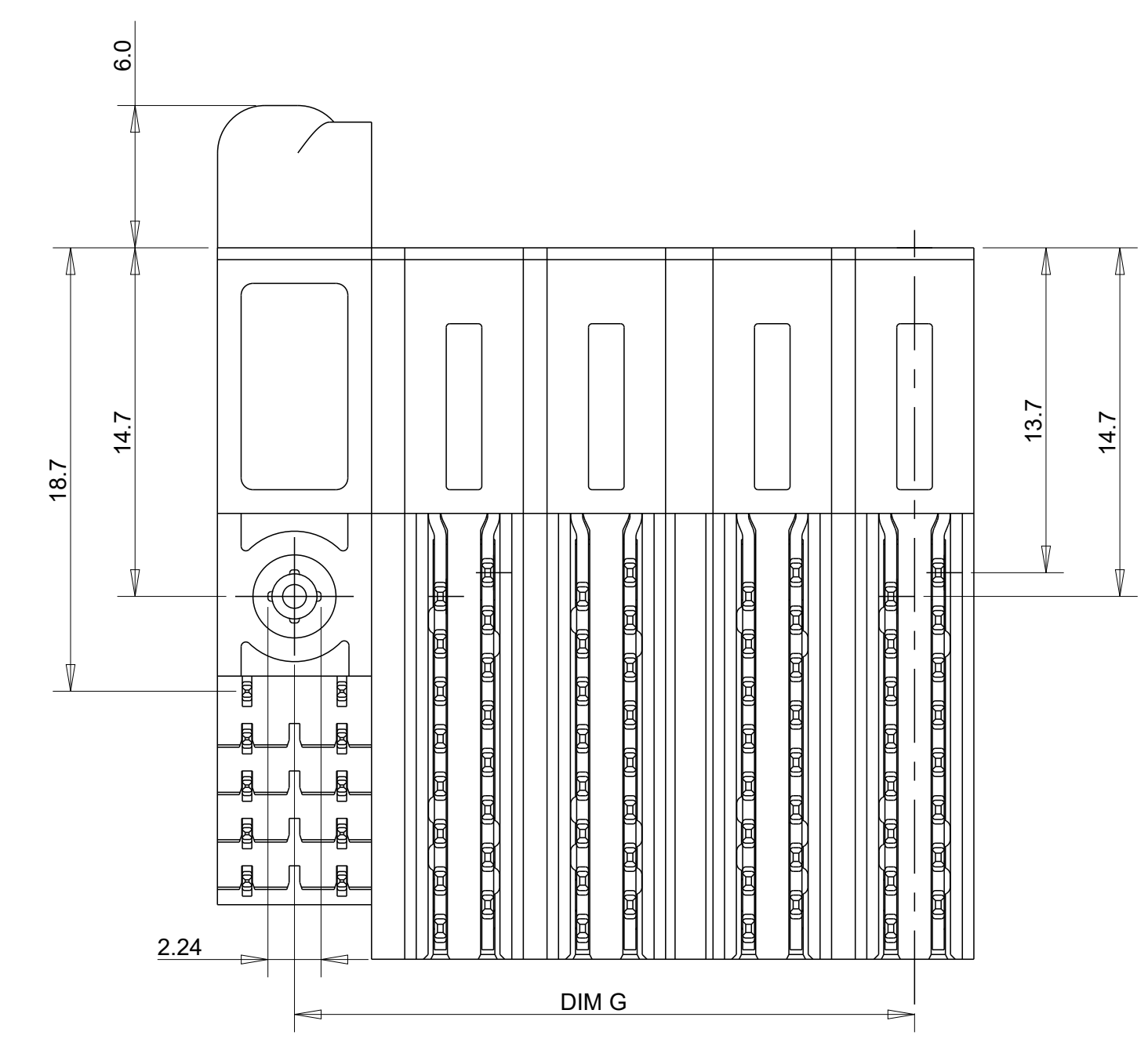
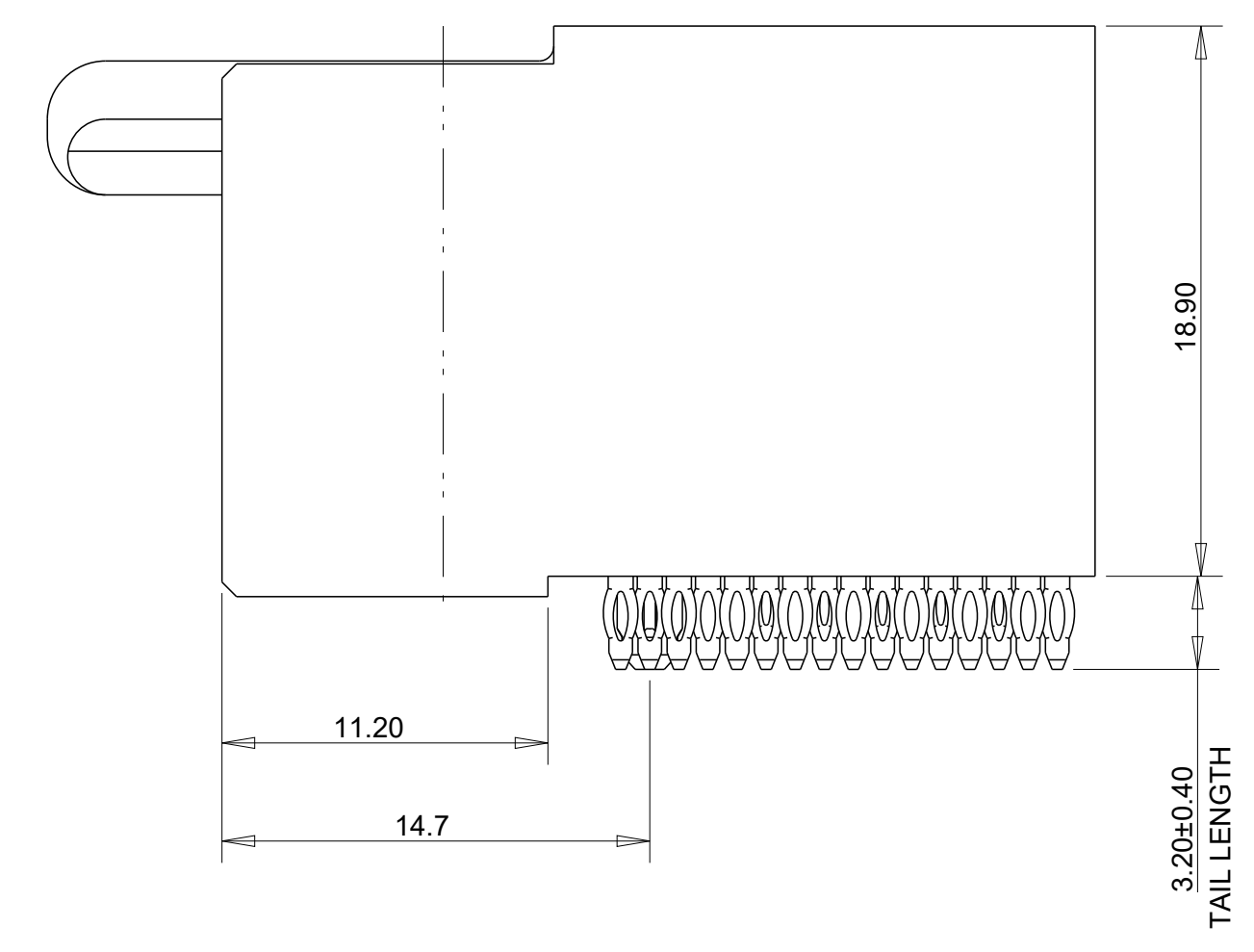
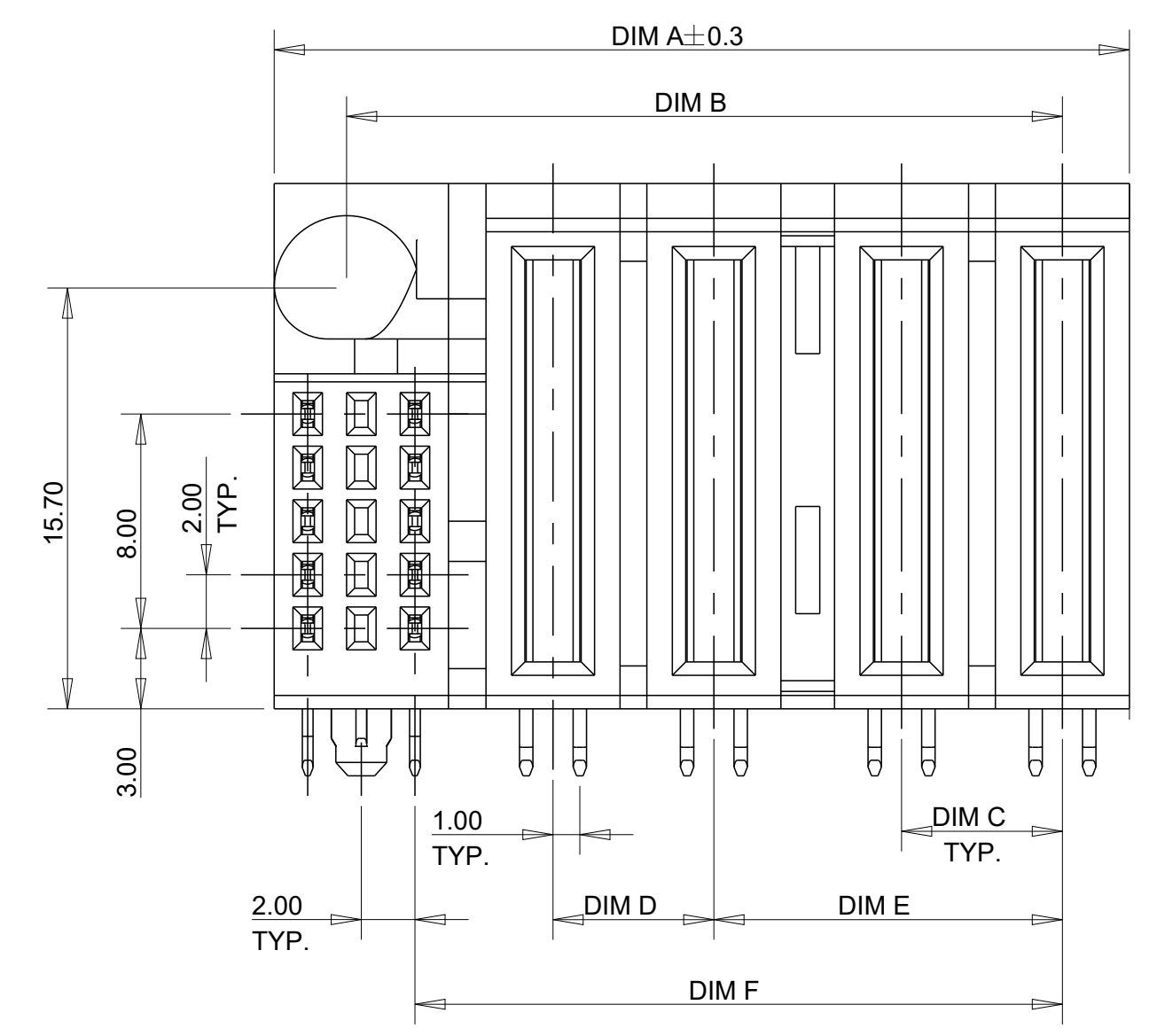


| REVISIONS |     |               |           |     |      |
|-----------|-----|---------------|-----------|-----|------|
| P         | LTR | DESCRIPTION   | DATE      | DWN | APVD |
| A1        |     | ECR-16-006244 | 11MAY2016 | TZ  | SZ   |
| A2        |     | ECR-20-002089 | 27SEP2020 | TZ  | SZ   |



NOTES, UNLESS OTHERWISE SPECIFIED:

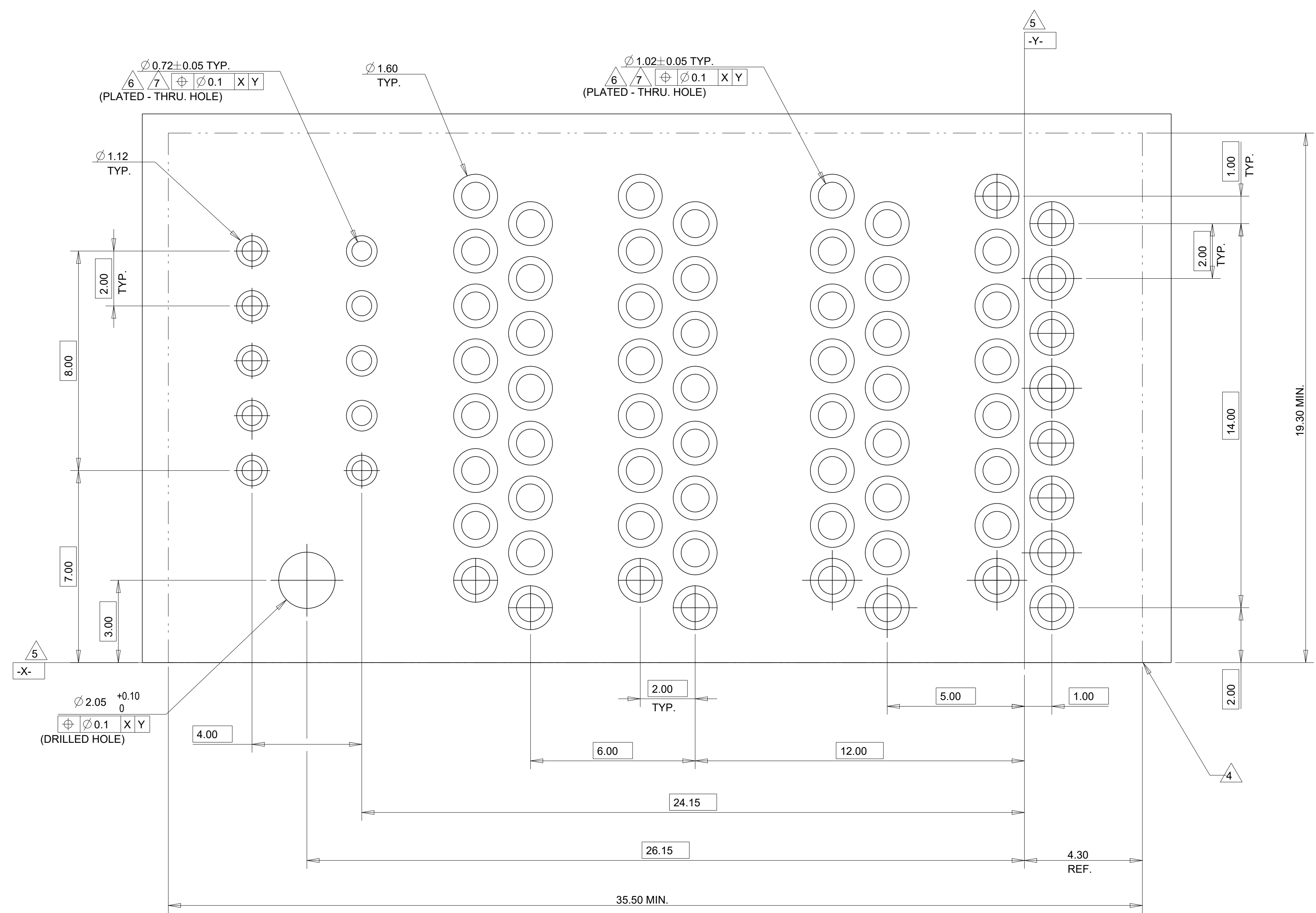
- 1. "TE", PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN.
- 2. MATERIAL:  
 HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC,  
 COLOR: BLACK, UL94 V-0.  
 SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.  
 POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
- 3. CONTACT PLATING:  
 MATING AREA - NOBLE METAL OVERALL NICKEL  
 TAIL SIDE AREA - MATTE TIN OVERALL NICKEL.
- 4. MECHANICAL CONNECTOR KEEP OUT ZONE.
- 5. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 6. PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- 7. PCB HOLE:  
 POWER - 1.15±0.025 MM DRILLED HOLES SIZE PLATING WITH 0.0076 MM MIN.  
 Sn OVER 0.025-0.076 MM Cu PLATING TO ACHIEVE A 1.02 MM DIA. HOLE.  
 SIGNAL - 0.835±0.025 MM DRILLED HOLES SIZE PLATING WITH 0.0076 MM MIN.  
 Sn OVER 0.025-0.076 MM Cu PLATING TO ACHIEVE A 0.72 MM DIA. HOLE.

PRELIMINARY  
 PRELIMINARY  
 PRELIMINARY  
 PRELIMINARY

|        |        |        |        |        |        |        |        |        |                    |             |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------------|-------------|
| 10.00  | 24.50  | 30.15  | 28.15  | 15.00  | 5.00   | 5.00   | 30.70  | 35.90  | 2P+2LP+2P+20S      | 1-2204406-0 |
| -      | -      | 50.15  | 48.15  | 25.00  | 6.00   | 6.00   | 50.70  | 55.90  | 15S+4VP+4VP        | 2204406-9   |
| -      | 9.50   | 15.15  | 13.15  | -      | -      | 5.00   | 15.70  | 20.90  | 2P+20S             | 2204406-7   |
| -      | 22.50  | 28.15  | 26.15  | -      | -      | 6.00   | 28.70  | 33.90  | 4VP+20S            | 2204406-6   |
| -      | -      | 59.15  | -      | -      | -      | 5.00   | 59.70  | 64.90  | 10S+1P+2P+2P+2P+2P | 2204406-5   |
| -      | -      | 12.15  | 10.15  | -      | -      | 5.00   | 12.70  | 17.90  | 2P+15S             | 2204406-3   |
| -      | -      | 26.15  | 24.15  | 13.00  | 6.00   | 6.00   | 26.70  | 31.90  | 2VP+2VP+10S        | 2204406-1   |
| DIM K. | DIM H. | DIM G. | DIM F. | DIM E. | DIM D. | DIM C. | DIM B. | DIM A. | DESCRIPTION        | PART NUMBER |

|  |       |                                 |  |
|--|-------|---------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |       | DWN<br>THOMAS ZHAO<br>13NOV2014 | TE Connectivity<br>CUSTOMER DRAWING<br>R/A REC. WITH SINGLE GUIDE<br>MULTI-BEAM HD |
| DIMENSIONS:<br>min                     |       | CHK<br>SUNY ZHAO<br>13NOV2014   |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |       | APVD<br>SUNY ZHAO<br>13NOV2014  | NAME   |
| 0 PLC                                  | ±     | PRODUCT SPEC                    | SIZE   |
| 1 PLC                                  | ±0.4  | APPLICATION SPEC                | CAGE CODE  |
| 2 PLC                                  | ±0.25 | WEIGHT                          | DRAWING NO   |
| 3 PLC                                  | ±0.15 | RESTRICTED TO                   | SCALE  |
| 4 PLC                                  | ±     |                                 | SHEET  |
| ANGLES                                 | ±     |                                 | OF   |
| FINISH                                 | ±     |                                 | 4  |
| MATERIAL                               |       |                                 | REV  |
| 2                                      |       |                                 | A2   |
| 3                                      |       |                                 |  |

| REVISIONS |     |             |      |       |
|-----------|-----|-------------|------|-------|
| P         | LTR | DESCRIPTION | DATE | APPRO |
| -         |     | SEE SHEET 1 | -    | -     |
|           |     |             |      |       |
|           |     |             |      |       |



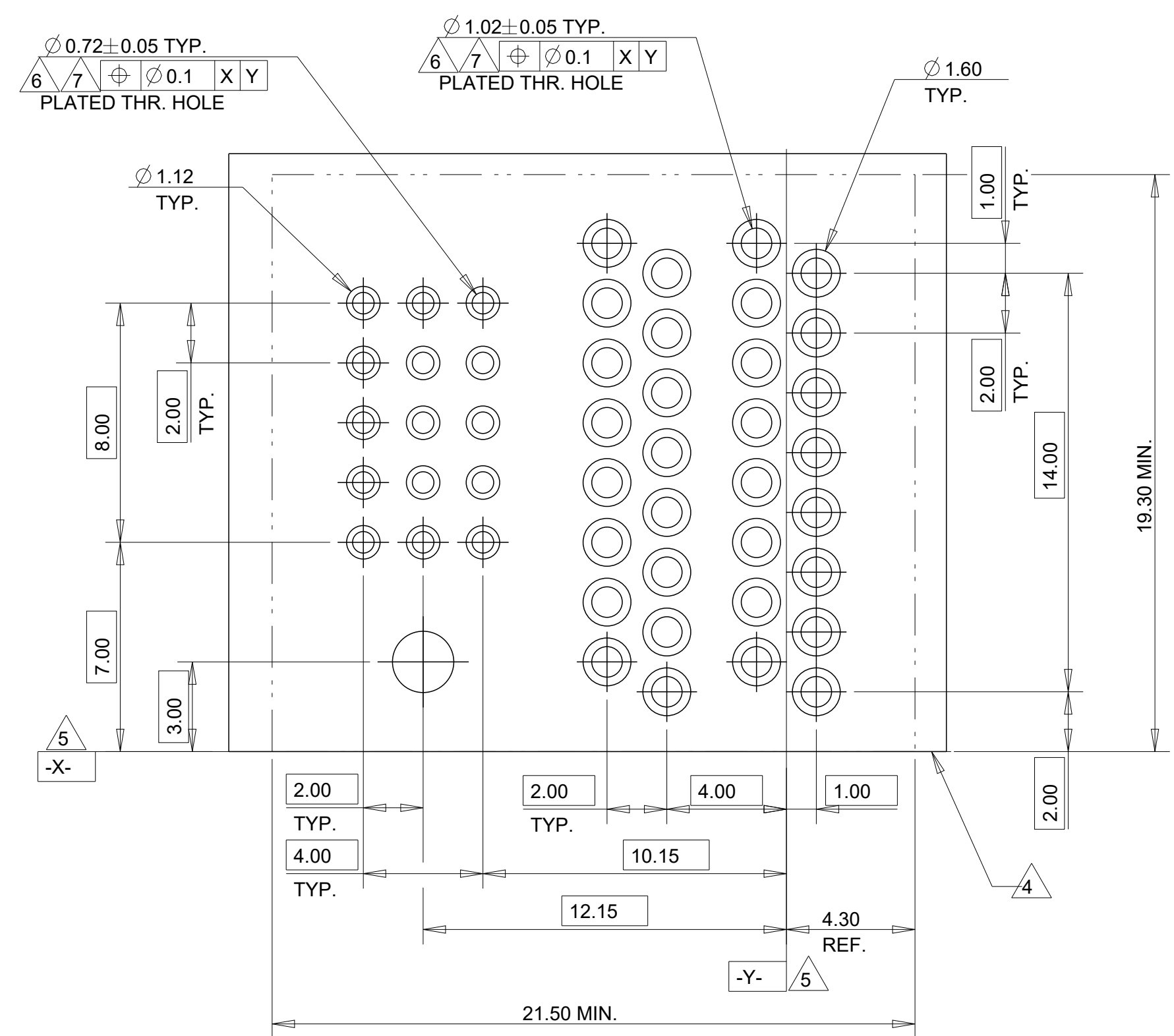
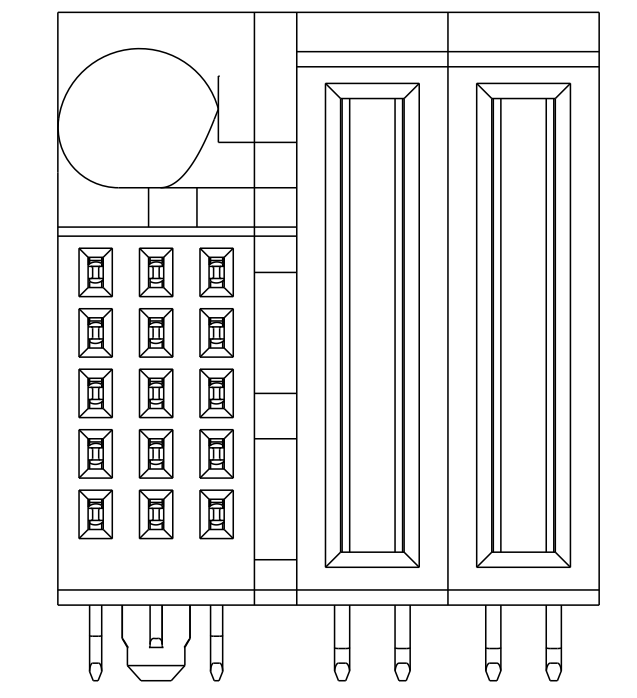
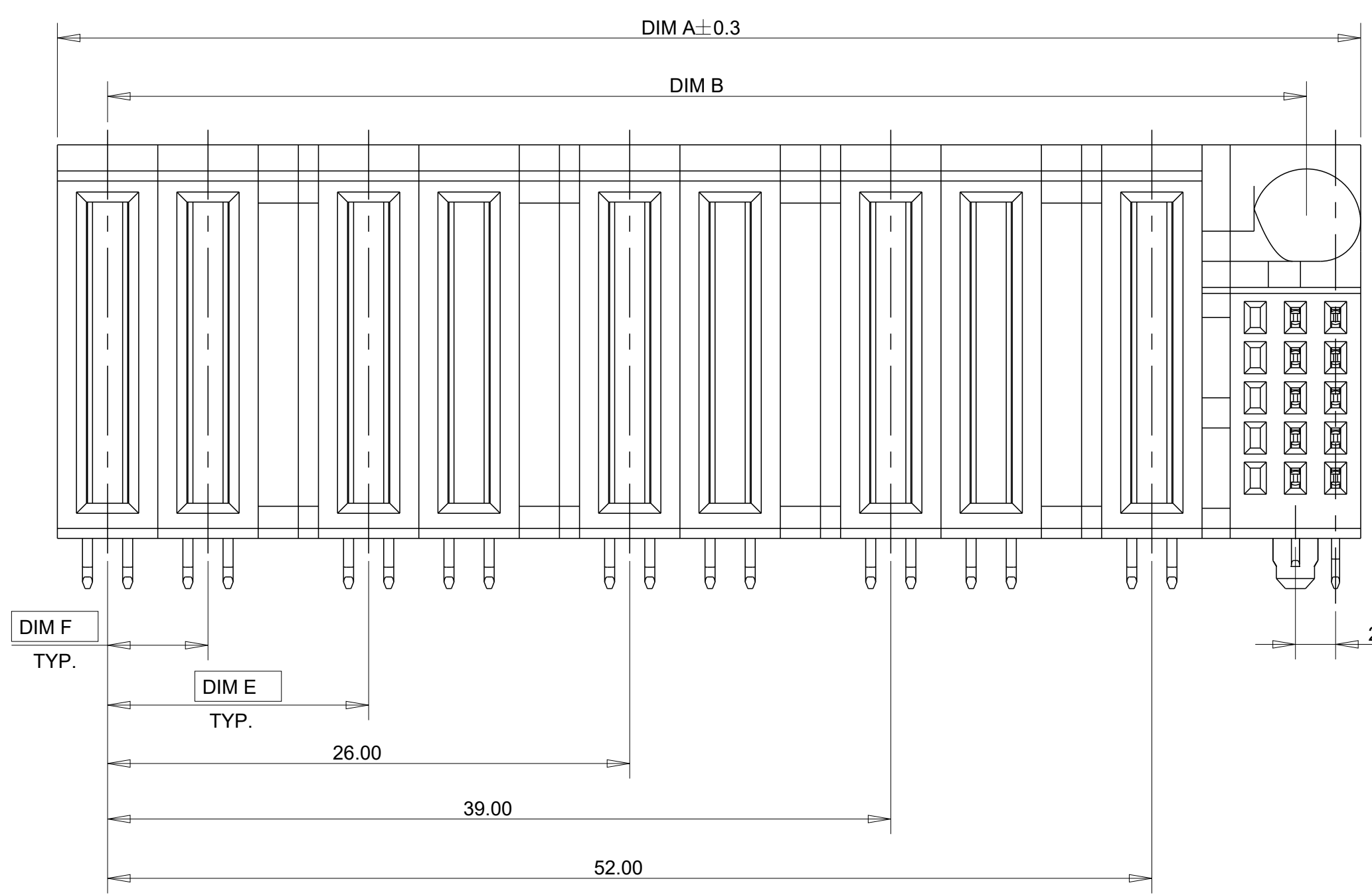
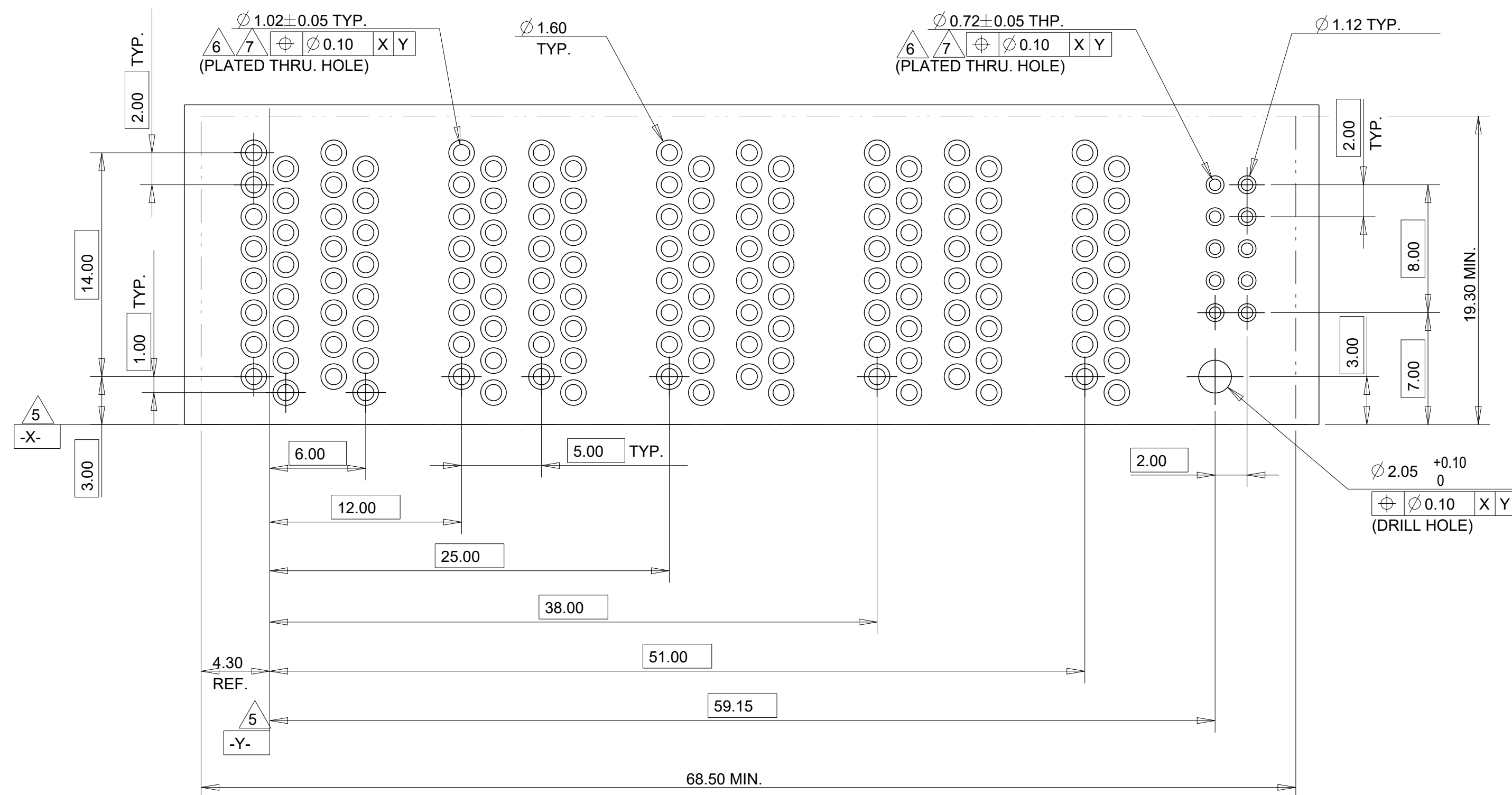
| PART NUMBER | ROWS | SIGNAL |     | POWER |    |    |    |
|-------------|------|--------|-----|-------|----|----|----|
|             |      | 2      | 1   | P4    | P3 | P2 | P1 |
| 2204406-1   | E    | SRI    | SRI | PR    | PR | PR | PR |
|             | D    | SRI    | SRI |       |    |    |    |
|             | C    | SRI    | SRI |       |    |    |    |
|             | B    | SRI    | SRI |       |    |    |    |
|             | A    | SRI    | SRI |       |    |    |    |

2VP+2VP+10S

|   |         |
|---|---------|
| POWER CONTACT PRESS FIT STANDARD EXTENDED UN-MATING | PF      |
| POWER CONTACT PRESS FIT MFB EXTENDED UN-MATING      | PE      |
| POWER CONTACT PRESS FIT MFB                         | PR      |
| POWER CONTACT PRESS FIT STANDARD                    | PS      |
| TOP LOW POWER CONTACT STANDARD EXTEND UN-MATING     | LE1     |
| BOTTOM LOW POWER CONTACT STANDARD EXTEND UN-MATING  | LE2     |
| I/M SIGNAL CONTACT PRESS FIT                        | VR      |
| SIGNAL CONTACT PRESS FIT                            | SR1     |
| HP/SIGNAL WITH SIGNAL GUIDE                         | HOUSING |
| DESCRIPTION   | CODE    |

|   |  |                            |                            |
|---|--|----------------------------|----------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |  | DWN: THOMAS ZHAO 13NOV2014 | <br>TE Connectivity        |
| DIMENSIONS: min   |  | CHK: SUNY ZHAO 13NOV2014   |                            |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±0.4<br>2 PLC ±0.25<br>3 PLC ±0.15<br>4 PLC ±<br>ANGLES FINISH ± |  | APPRO: SUNY ZHAO 13NOV2014 | NAME: CUSTOMER DRAWING     |
| MATERIAL  |  | APPLICATION SPEC           | R/A REC. WITH SINGLE GUIDE |
|   |  | WEIGHT                     | MULTI-BEAM HD              |
|   |  | RESTRICTED TO              | SIZE: A1                   |
|   |  | CAGE CODE                  | DRAWING NO: 2204406        |
|   |  | SCALE: 4:1                 | SHEET 2 OF 4               |
|   |  | REV: A2                    |                            |

| REVISIONS |     |             |      |      |
|-----------|-----|-------------|------|------|
| P         | LTR | DESCRIPTION | DATE | APPD |
| -         | -   | SEE SHEET 1 | -    | -    |



| PART NUMBER        | POWER |    |    |    |    |    |    |    |    | SIGNAL |   |
|--------------------|-------|----|----|----|----|----|----|----|----|--------|---|
|                    | P9    | P8 | P7 | P6 | P5 | P4 | P3 | P2 | P1 | 2      | 1 |
| 2204406-5          | PR    | PR | PR | PR | PR | PR | PR | PR | PR |        |   |
| 10S+1P+2P+2P+2P+2P |       |    |    |    |    |    |    |    |    |        |   |

| PART NUMBER | ROWS | SIGNAL |    |    | POWER |    |
|-------------|------|--------|----|----|-------|----|
|             |      | 3      | 2  | 1  | P2    | P1 |
| 2204406-3   | E    | SR     | SR | SR |       |    |
|             | D    | SR     | SR | SR | PR    | PR |
|             | C    | SR     | SR | SR |       |    |
|             | B    | SR     | SR | SR |       |    |
|             | A    | SR     | SR | SR |       |    |
| 2P+15S      |      |        |    |    |       |    |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: THOMAS ZHAO 13NOV2014  
 CHK: SUNY ZHAO 13NOV2014  
 APD: SUNY ZHAO 13NOV2014

TE Connectivity

CUSTOMER DRAWING  
 R/A REC. WITH SINGLE GUIDE  
 MULTI-BEAM HD

SIZE: A1  
 SCALE: 4:1  
 SHEET: 3 OF 4  
 REV: A2

MATERIAL: -  
 FINISH: -

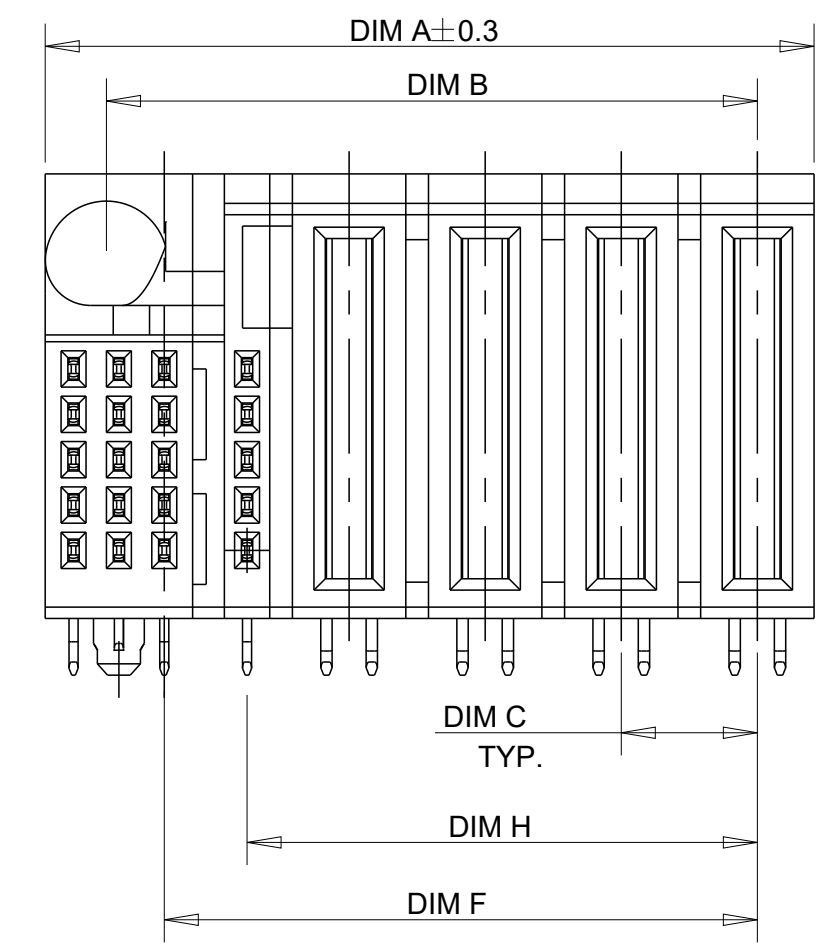
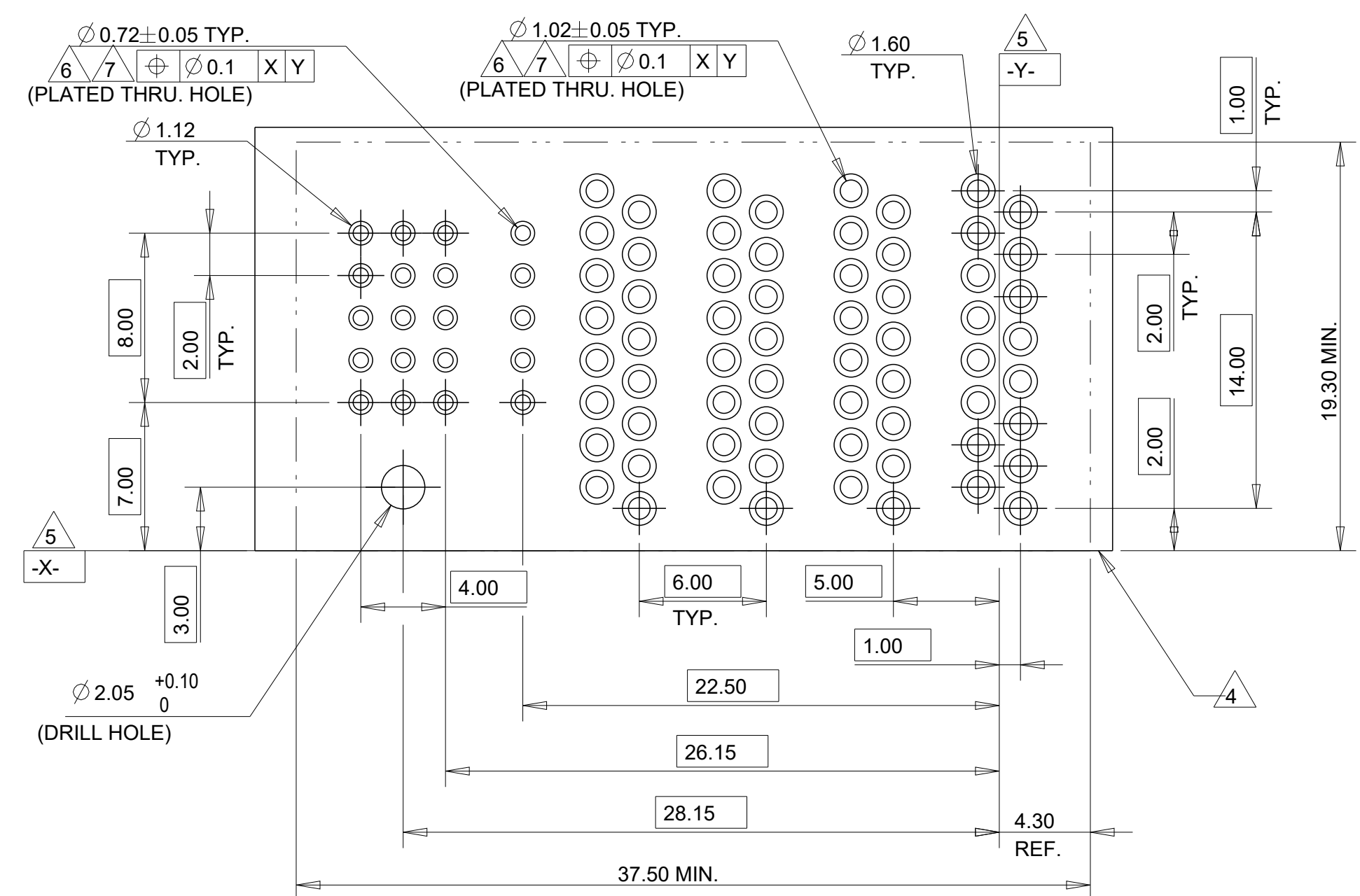
WEIGHT: -

CAGE CODE: -  
 DRAWING NO: 2204406

RESTRICTED TO: -

PRODUCT SPEC: -  
 APPLICATION SPEC: -

| REVISIONS |     |             |      |       |
|-----------|-----|-------------|------|-------|
| P         | LTR | DESCRIPTION | DATE | APP'D |
| -         | -   | SEE SHEET 1 | -    | -     |

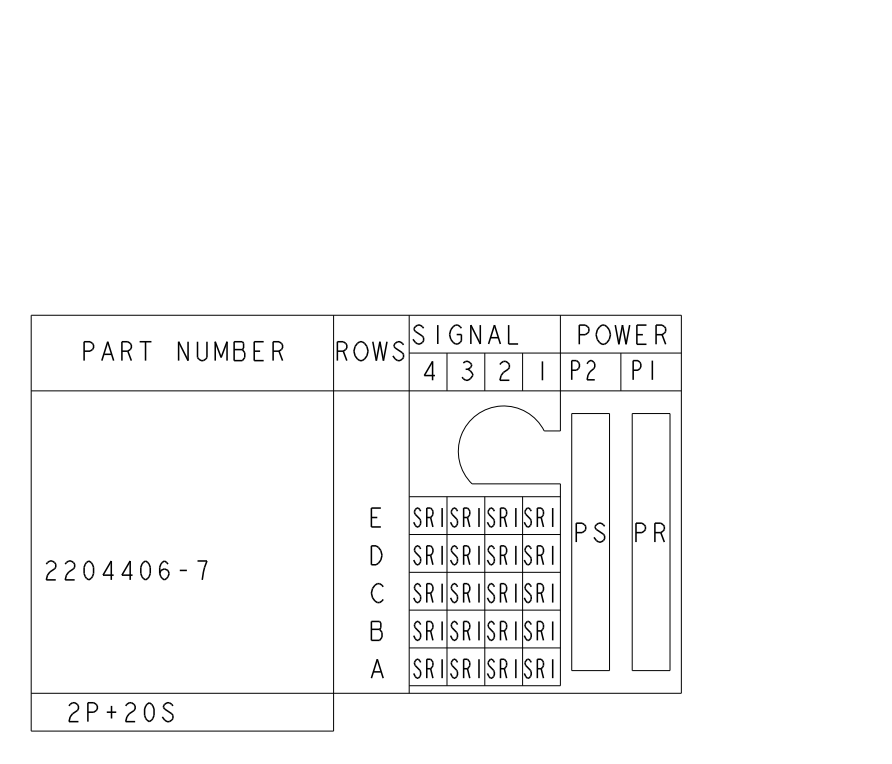
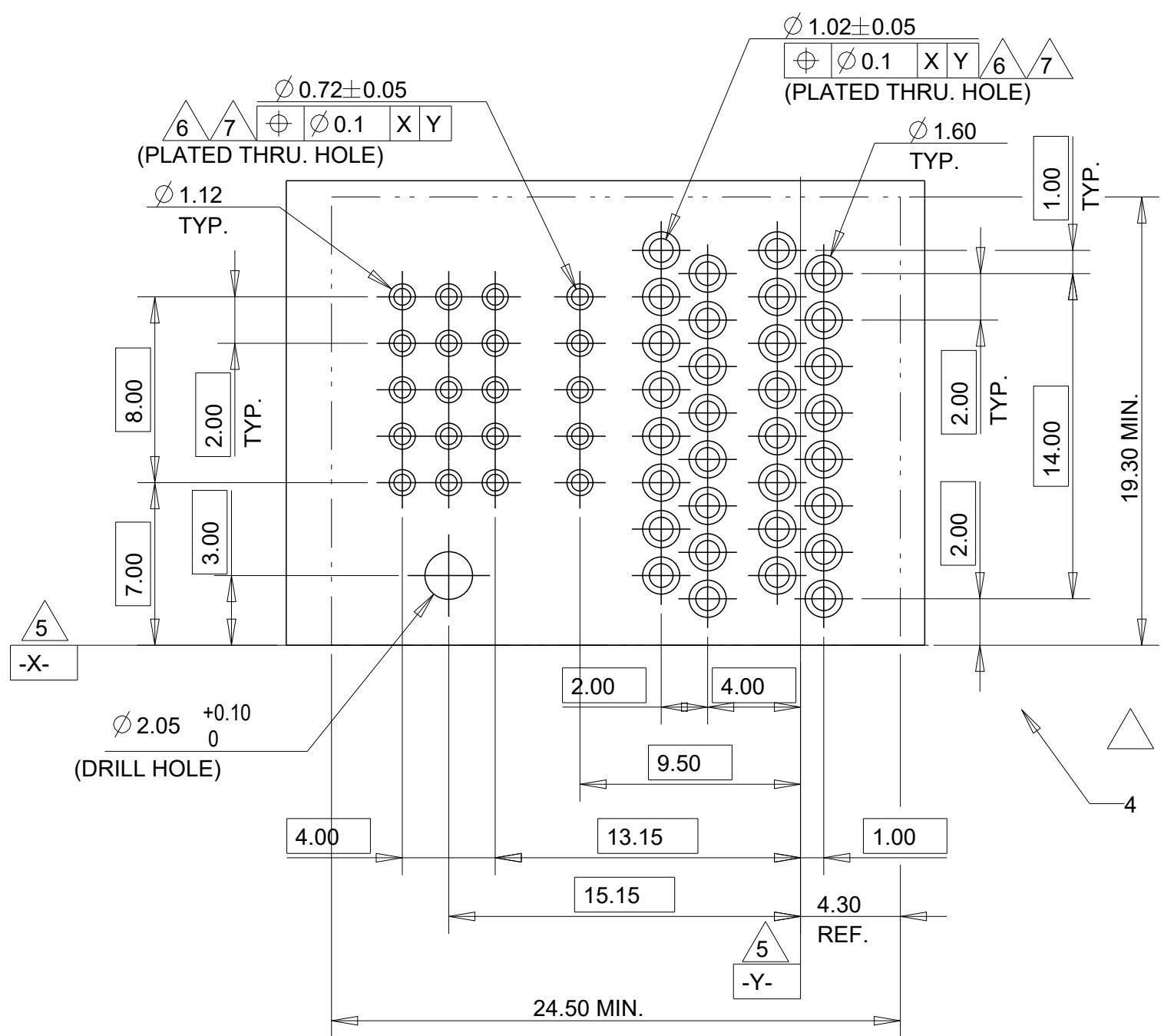


| PART NUMBER | ROWS | SIGNAL |    |    |    | POWER |    |    |    |
|-------------|------|--------|----|----|----|-------|----|----|----|
|             |      | 4      | 3  | 2  | 1  | P4    | P3 | P2 | P1 |
| 2204406-6   | E    | SR     | SR | SR | SR | PR    | PR | PR | PR |
|             | D    | SR     | SR | SR | SR |       |    |    |    |
|             | C    | SR     | SR | SR | SR |       |    |    |    |
|             | A    | SR     | SR | SR | SR |       |    |    |    |

4VP+20S

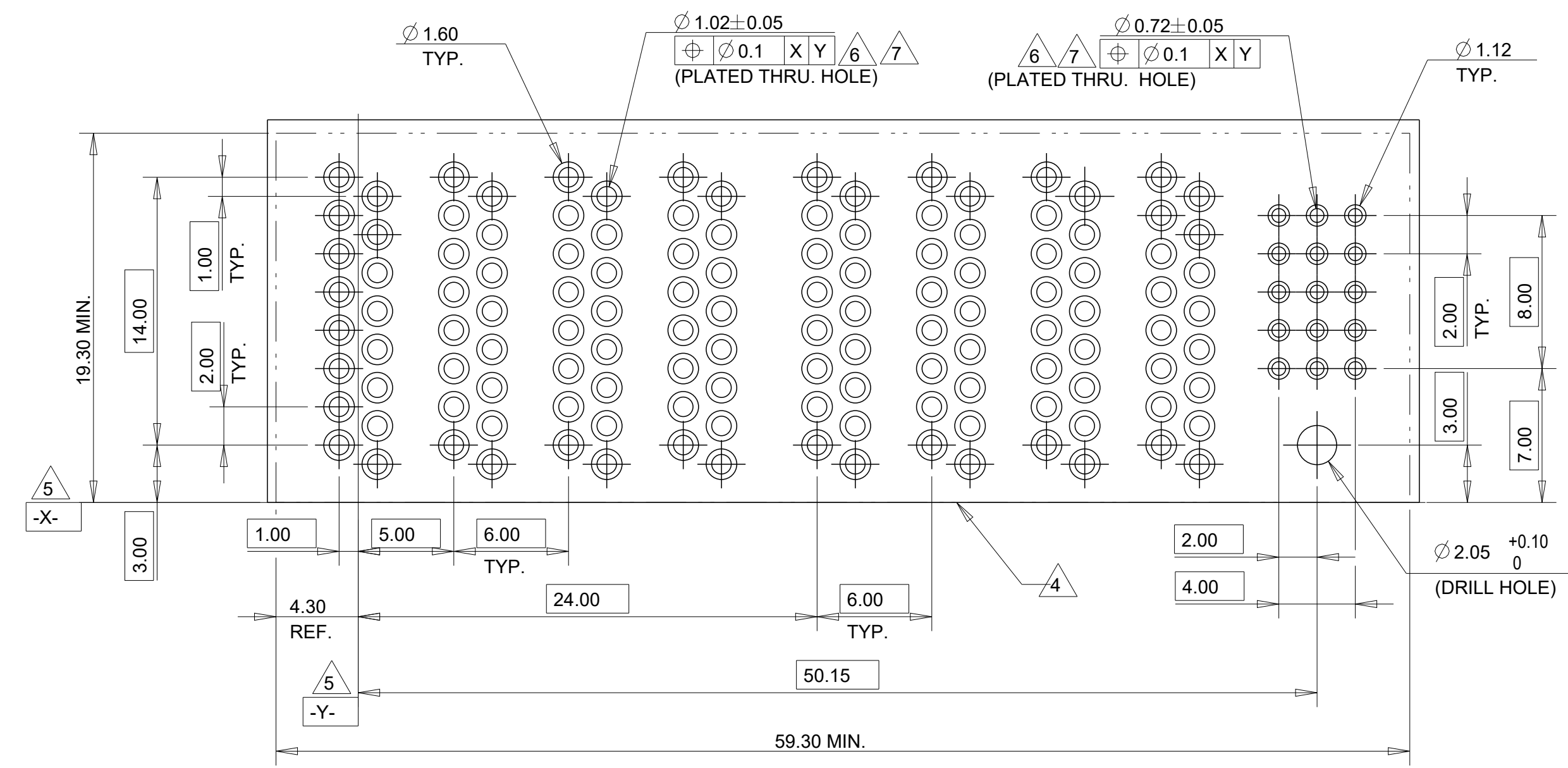
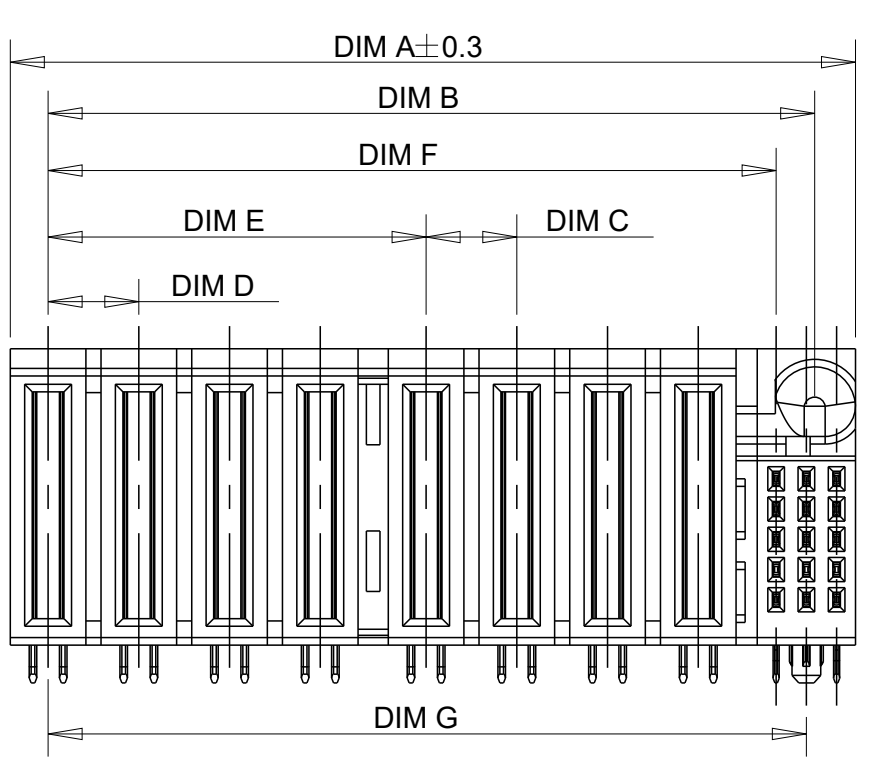
| PART NUMBER | POWER |    |    |    |    |    |    |    | SIGNAL |    |    | ROWS |
|-------------|-------|----|----|----|----|----|----|----|--------|----|----|------|
|             | P8    | P7 | P6 | P5 | P4 | P3 | P2 | P1 | S3     | S2 | S1 |      |
| 2204406-9   | PR    | PR | PR | PR | PR | PR | PR | PR | VR     | VR | VR | E    |
|             |       |    |    |    |    |    |    |    | VR     | VR | VR | D    |
|             |       |    |    |    |    |    |    |    | VR     | VR | VR | C    |
|             |       |    |    |    |    |    |    |    | VR     | VR | VR | B    |

15S+4VP+4VP



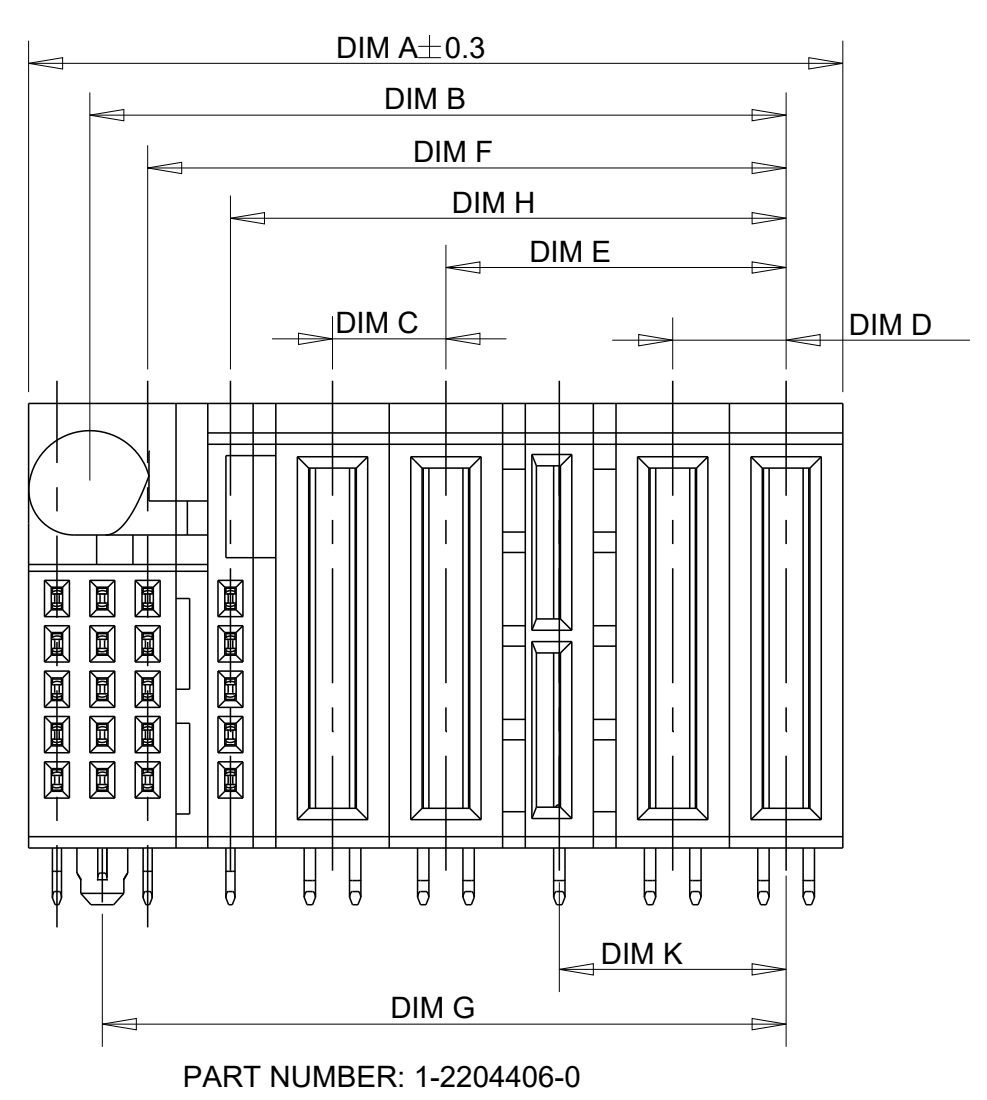
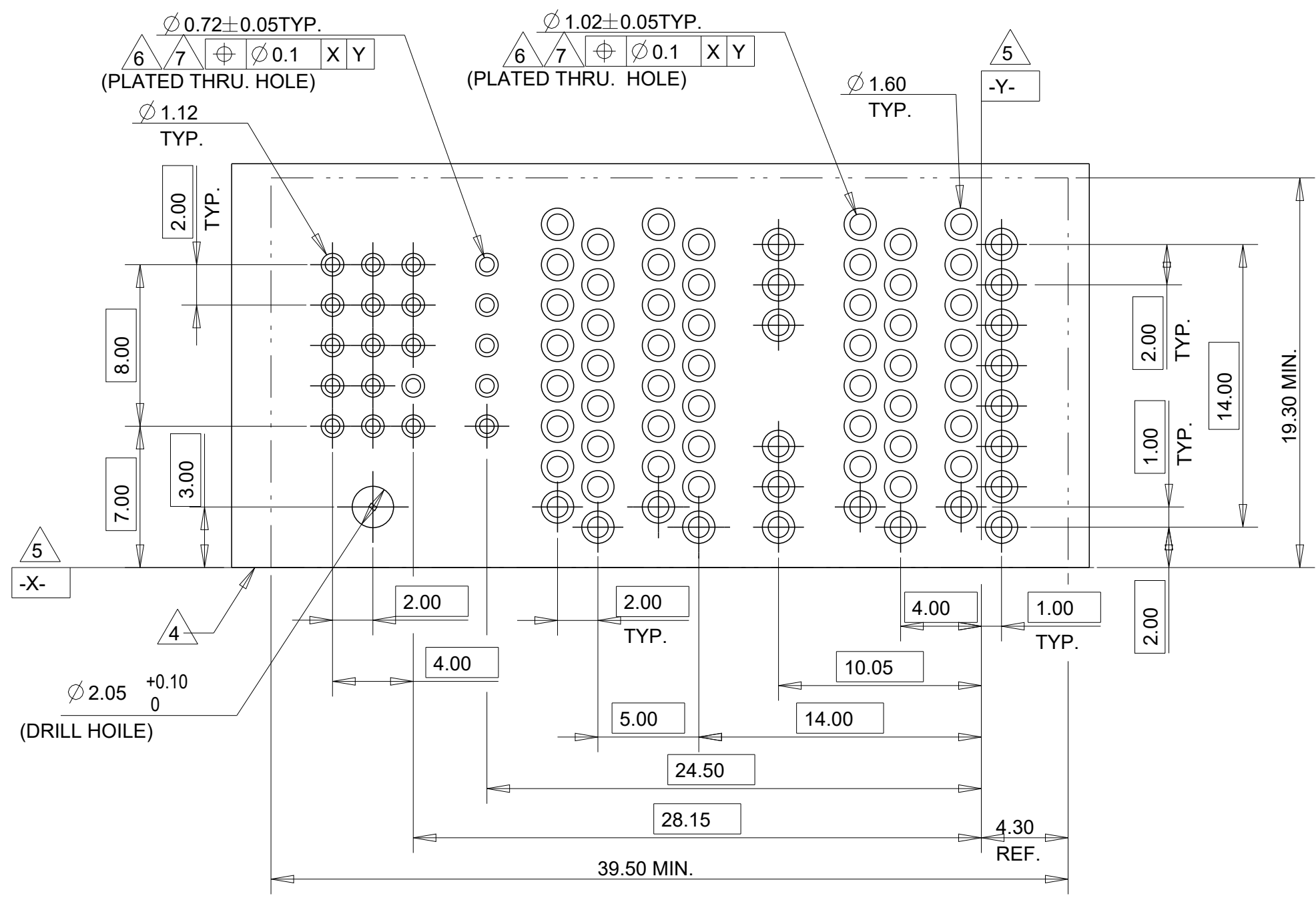
| PART NUMBER | ROWS | SIGNAL |    |    | POWER |    |
|-------------|------|--------|----|----|-------|----|
|             |      | 4      | 3  | 2  | P2    | P1 |
| 2204406-7   | E    | SR     | SR | SR | PS    | PR |
|             | D    | SR     | SR | SR |       |    |
|             | C    | SR     | SR | SR |       |    |
|             | A    | SR     | SR | SR |       |    |

2P+20S



| PART NUMBER | ROWS | SIGNAL |    |    |    | POWER |    |    |    |    |
|-------------|------|--------|----|----|----|-------|----|----|----|----|
|             |      | 4      | 3  | 2  | 1  | P4    | P3 | LP | P2 | P1 |
| 1-2204406-0 | E    | VR     | VR | VR | VR | PF    | PF | LE | PE | PE |
|             | D    | VR     | VR | VR | VR |       |    | LE |    |    |
|             | C    | VR     | VR | VR | VR |       |    | LE |    |    |
|             | A    | VR     | VR | VR | VR |       |    | LE |    |    |

2P+2LP+2P+20S



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: THOMAS ZHAO 13NOV2014  
 CHK: SUNY ZHAO 13NOV2014  
 APD: SUNY ZHAO 13NOV2014

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 0 PLC ±  
 1 PLC ±0.4  
 2 PLC ±0.25  
 3 PLC ±0.15  
 4 PLC ±  
 ANGLES ±

MATERIAL: -  
 FINISH: -

WEIGHT: -

CUSTOMER DRAWING

SCALE: 4:1 SHEET 4 OF 4 REV A2

NAME: CUSTOMER DRAWING R/A REC. WITH SINGLE GUIDE MULTI-BEAM HD

SIZE: A1 CAGE CODE: - DRAWING NO: - RESTRICTED TO: -

DATE: 13NOV2014

PRODUCT SPEC: -

APPLICATION SPEC: -

DRAWING NO: 2204406

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Power to the Board](#) category:*

*Click to view products by [TE Connectivity](#) manufacturer:*

Other Similar products are found below :

[6450171-4](#) [6450552-7](#) [6600323-8](#) [6643429-1](#) [6646040-2](#) [6651939-1](#) [6766604-1](#) [120959-1](#) [1393557-2](#) [1393532-2](#) [1393532-3](#) [1393532-4](#)  
[1393557-1](#) [1600812-5](#) [1-6450861-2](#) [1744132-7](#) [1761122-1](#) [1766250-1](#) [1892109-1](#) [2-6450860-5](#) [2-6450870-0](#) [1-6450161-4](#) [1-6450850-6](#) [1-](#)  
[6450869-6](#) [1645526-2](#) [1-6600130-0](#) [2005243-2](#) [377-0020-11130](#) [TE34-12-16P-F0](#) [51700-10201602AALF](#) [5-6450830-6](#) [5646956-4](#) [377-](#)  
[0080-11131A](#) [4-6450830-9](#) [4-6600333-3](#) [10125416-4050LF](#) [10130248-005LF](#) [6600320-3](#) [3-6450860-5](#) [1888123-2](#) [6450166-1](#) [6643978-1](#)  
[6766605-1](#) [701-15-02109](#) [N11444](#) [6651938-1](#) [6450810-7](#) [46437-1112](#) [1-1589677-8](#) [5646956-5](#)