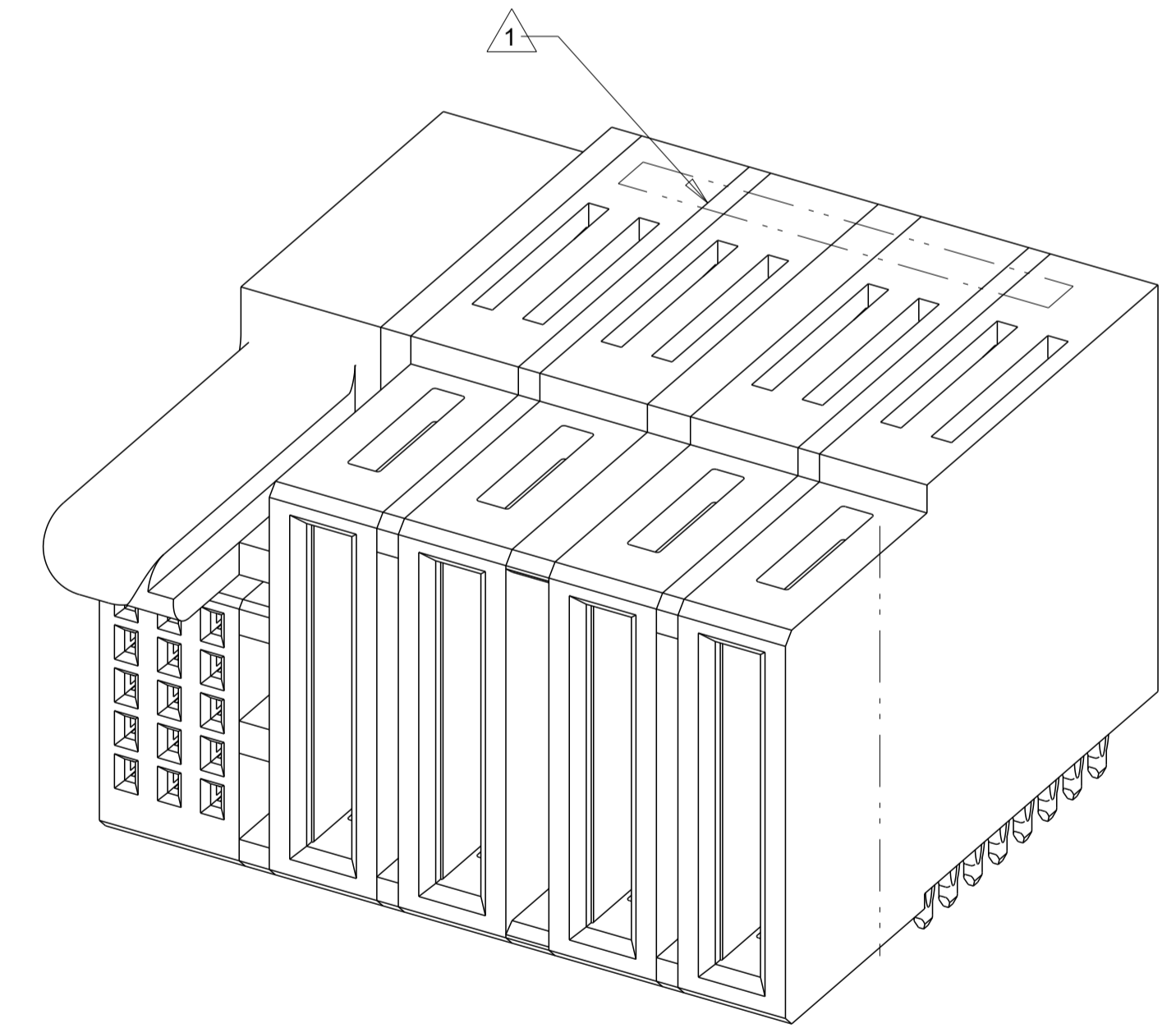
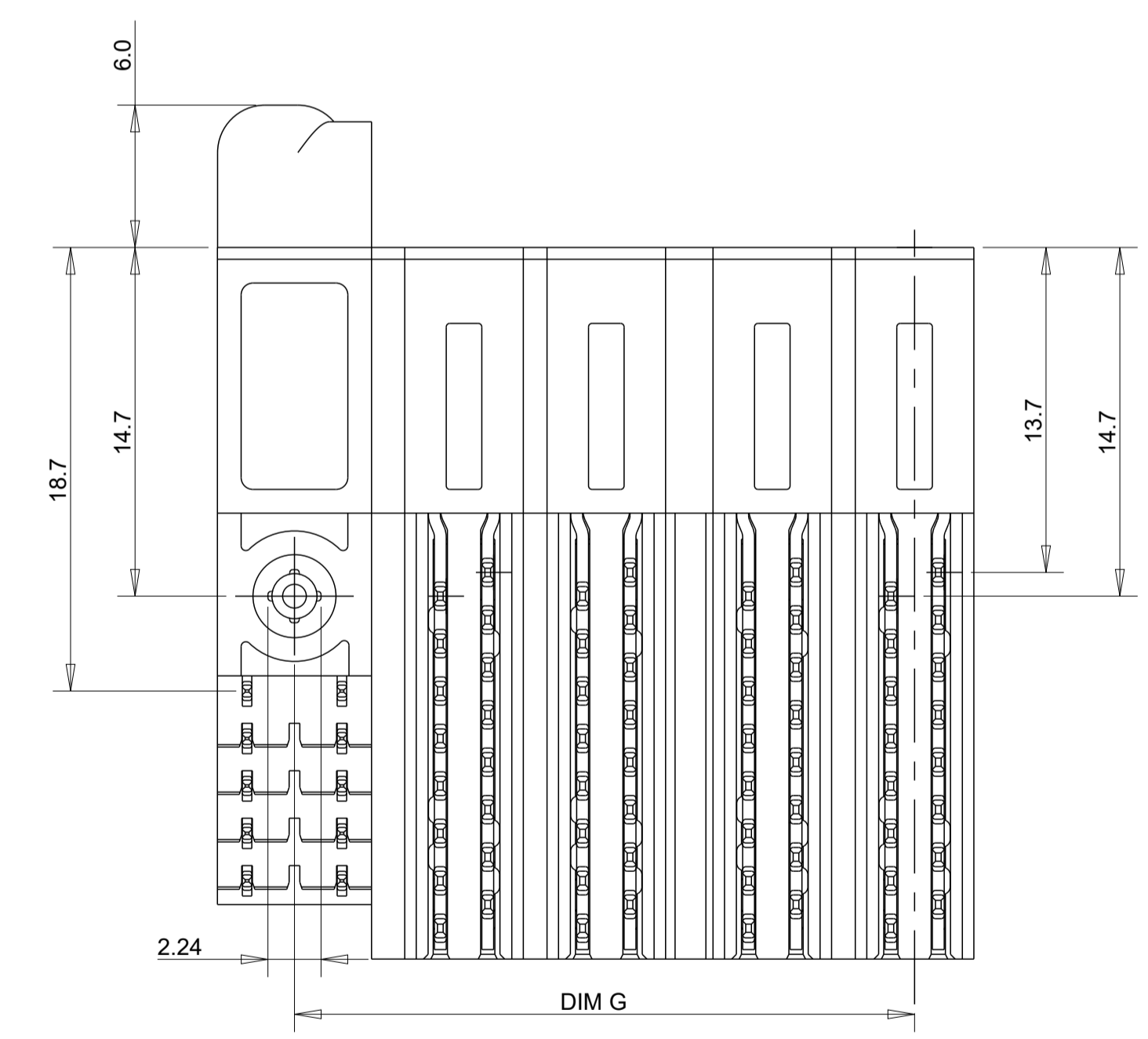
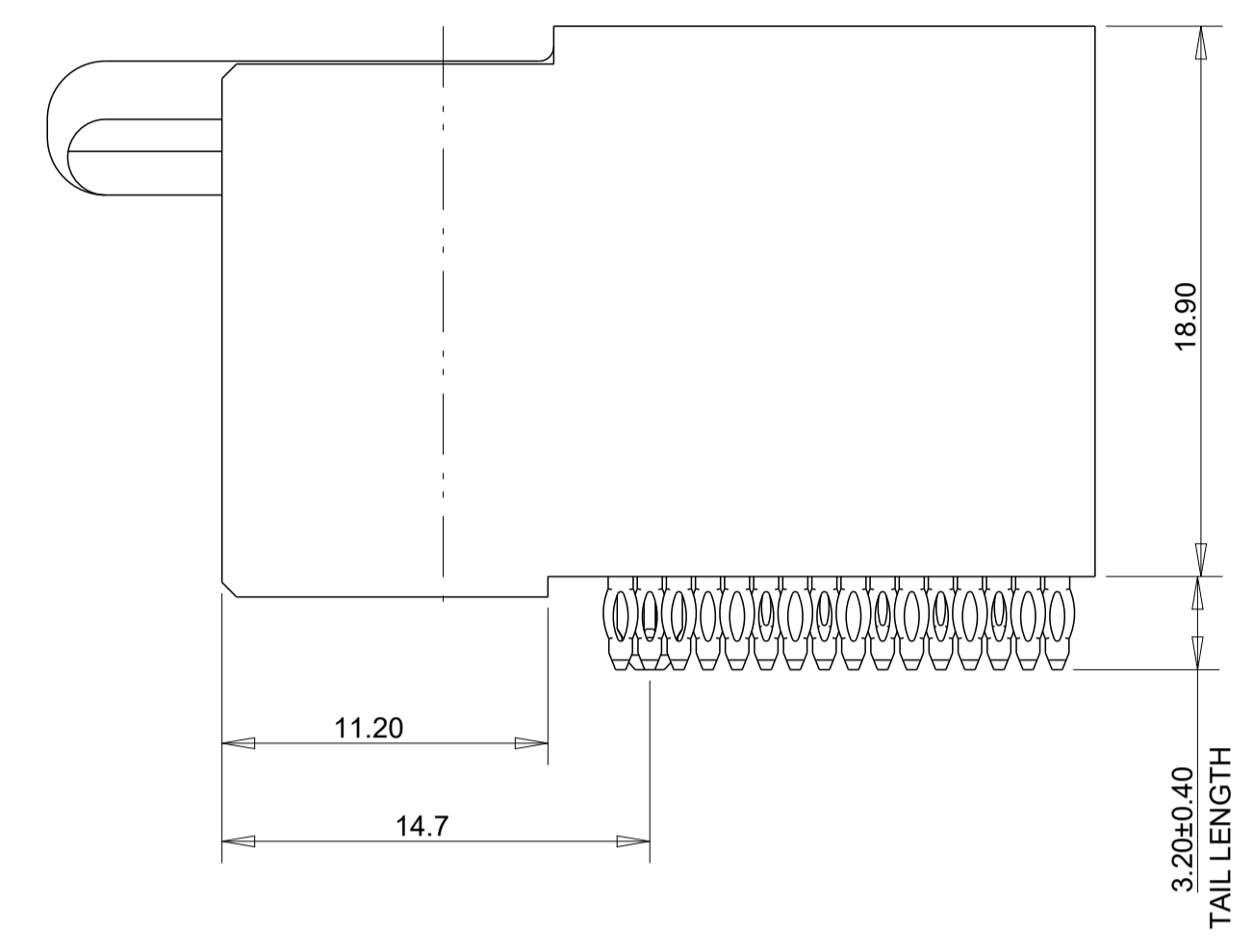
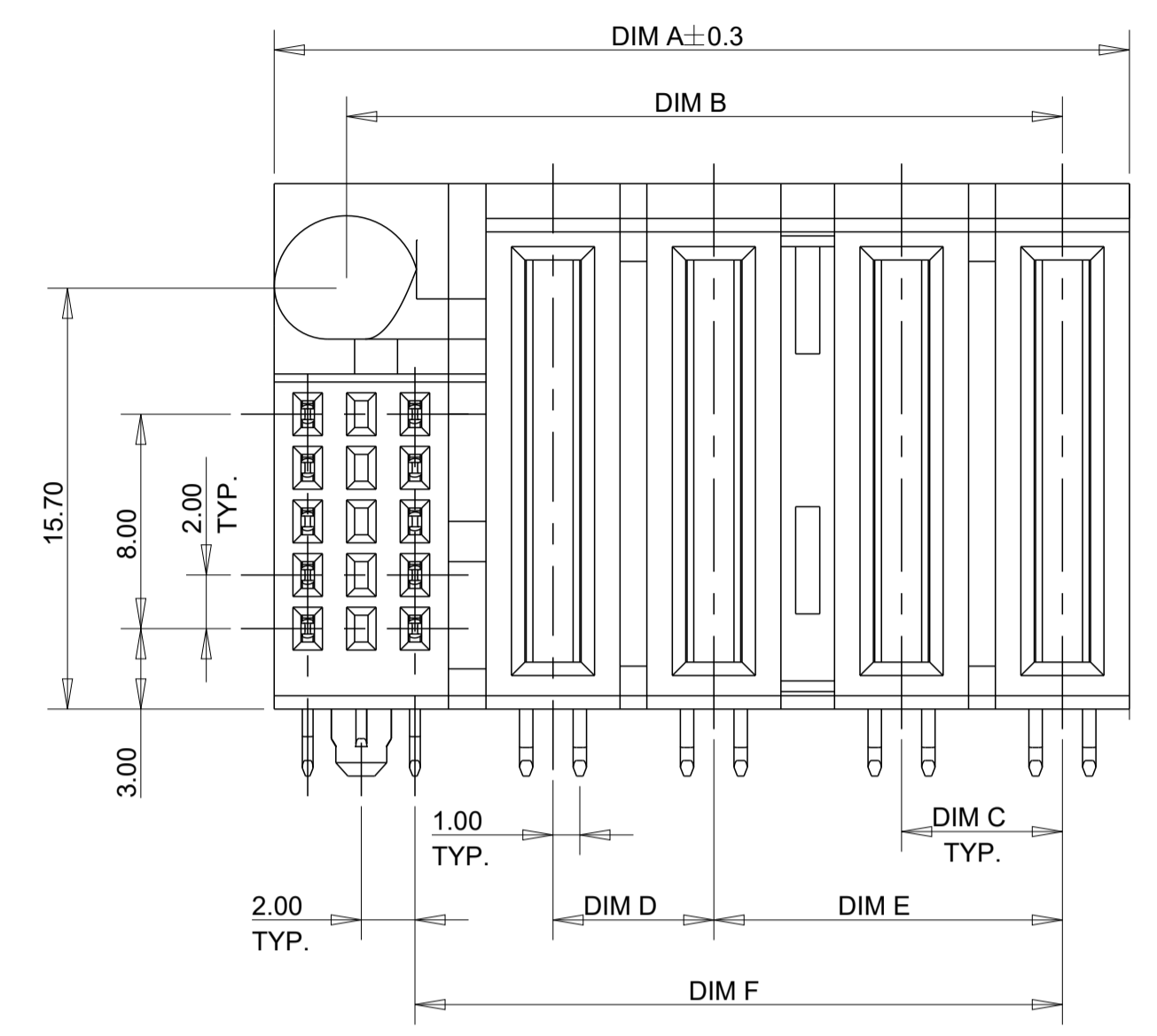


| REVISIONS | | | | | |
|-----------|-----|---------------|-----------|-----|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| A1 | | ECR-16-006244 | 11MAY2016 | TZ | SZ |
| A2 | | ECR-20-002089 | 27SEP2020 | TZ | SZ |



NOTES, UNLESS OTHERWISE SPECIFIED:

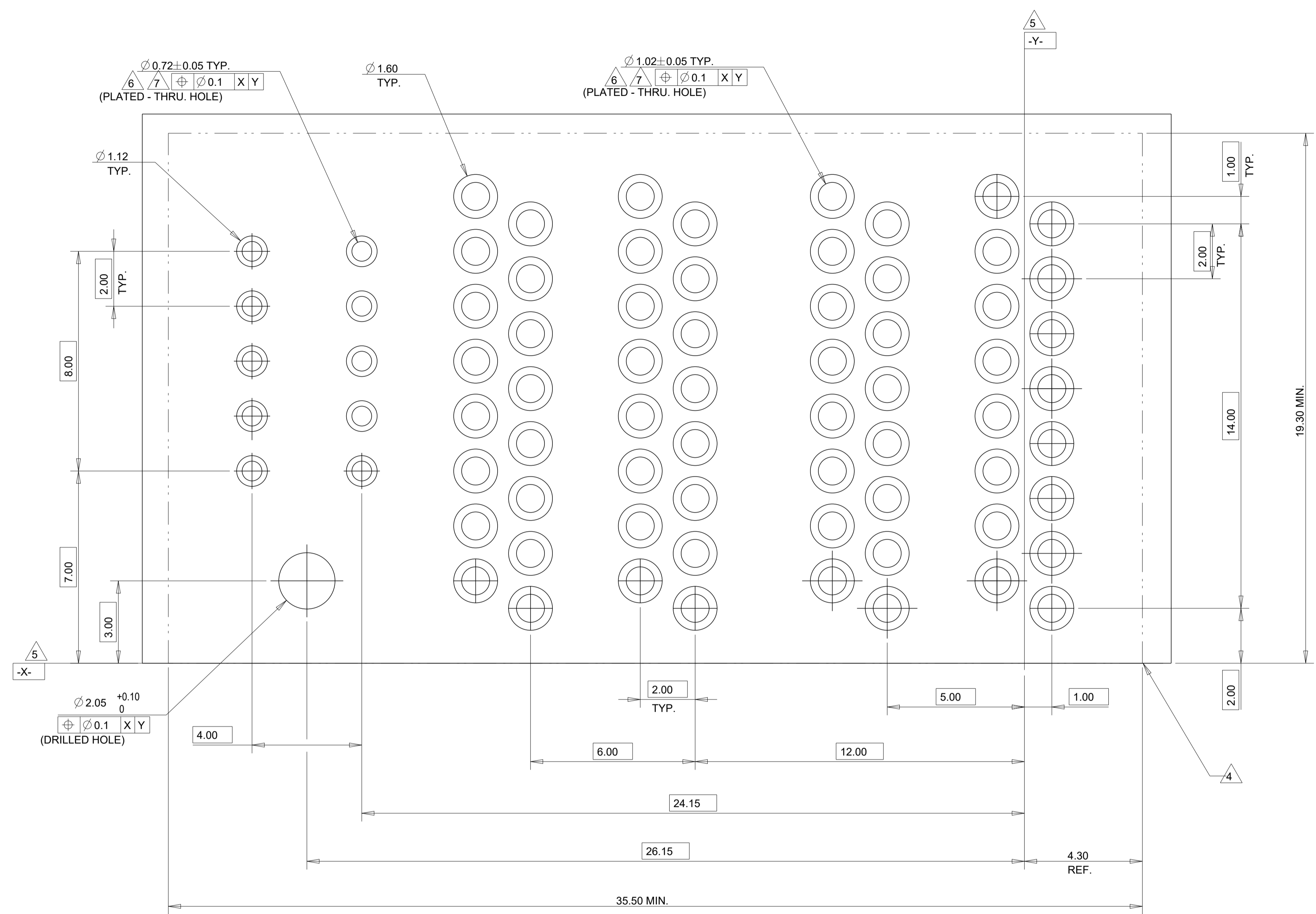
- 1. "TE", PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN.
- 2. MATERIAL:
 HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC,
 COLOR: BLACK, UL94 V-0.
 SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
 POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
- 3. CONTACT PLATING:
 MATING AREA - NOBLE METAL 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 THOMAS ZHAO 13NOV2014 | TE Connectivity CUSTOMER DRAWING R/A REC. WITH SINGLE GUIDE MULTI-BEAM HD |
| DIMENSIONS: min | | CHK SUNY ZHAO 13NOV2014 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD SUNY ZHAO 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

| DESCRIPTION | CODE |
|---|---------|
| POWER CONTACT PRESS FIT STANDARD EXTENDED UN-MATING | PF |
| POWER CONTACT PRESS FIT MFBL EXTENDED UN-MATING | PE |
| POWER CONTACT PRESS FIT MFBL | 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
 CHK: SUNY ZHAO 13NOV2014
 APD: SUNY ZHAO 13NOV2014

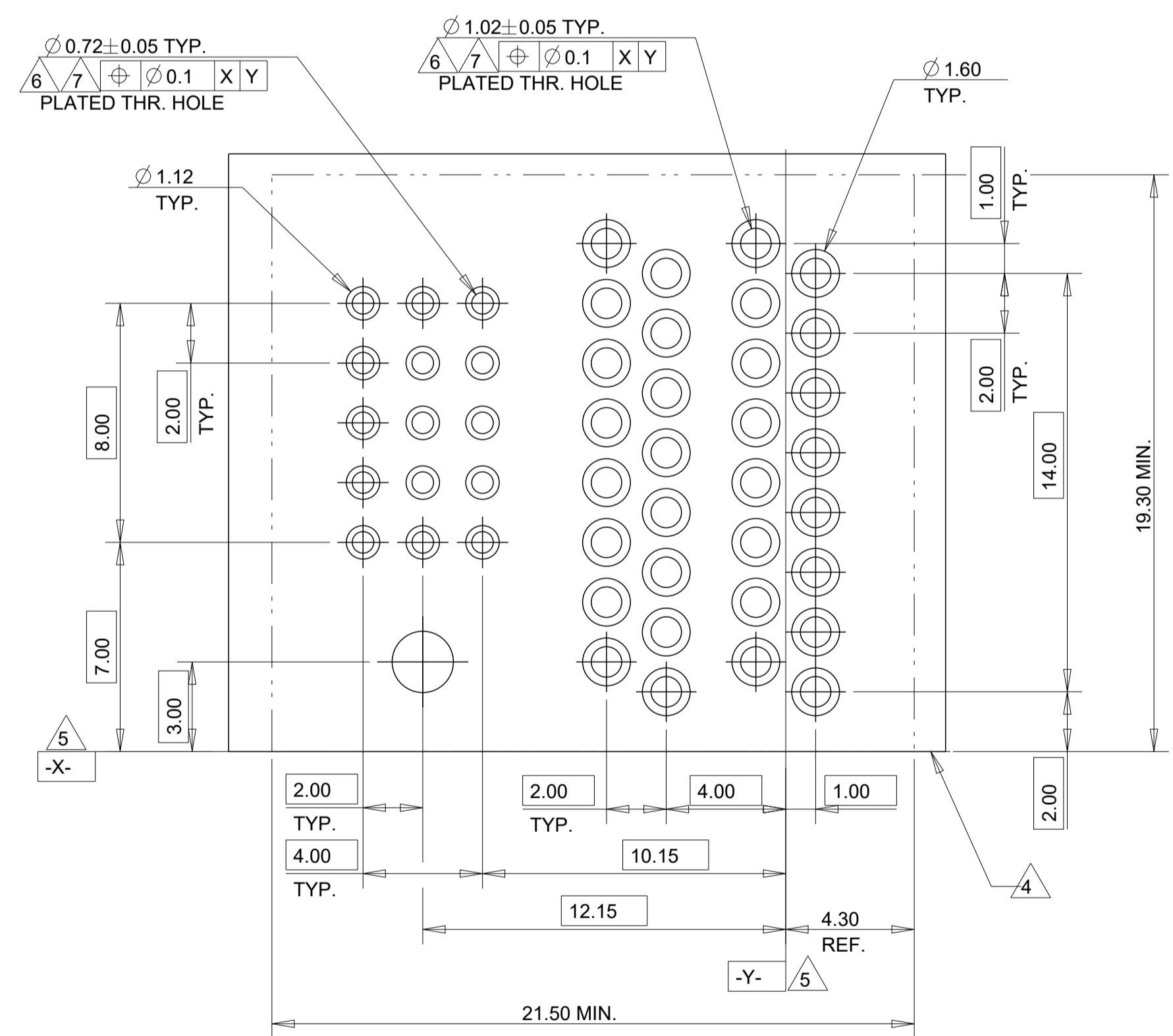
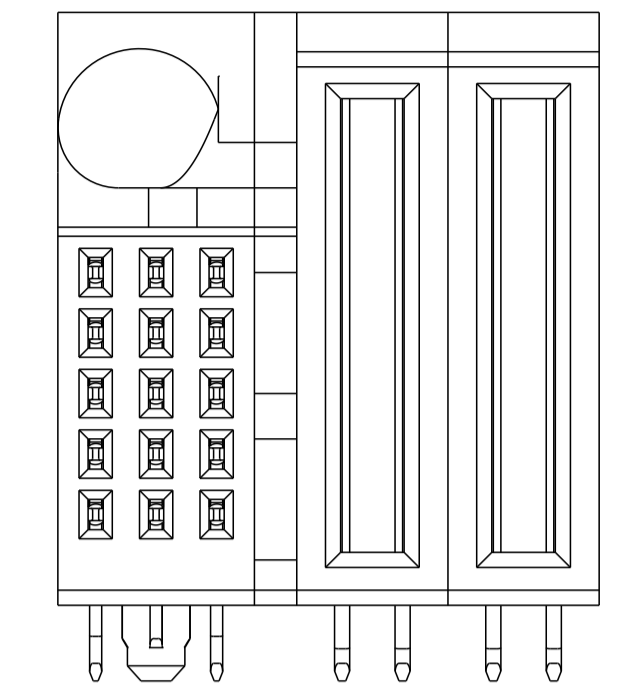
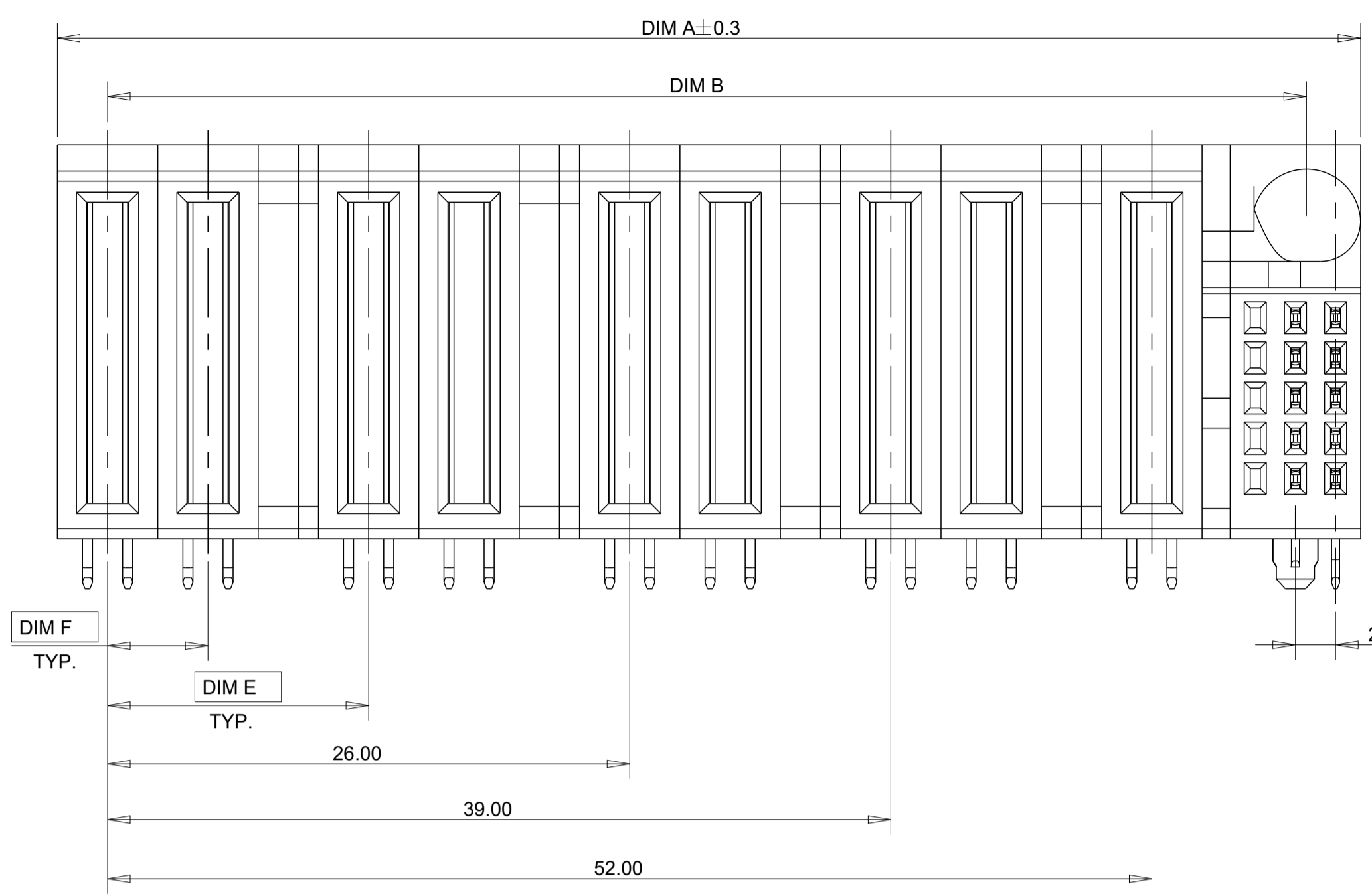
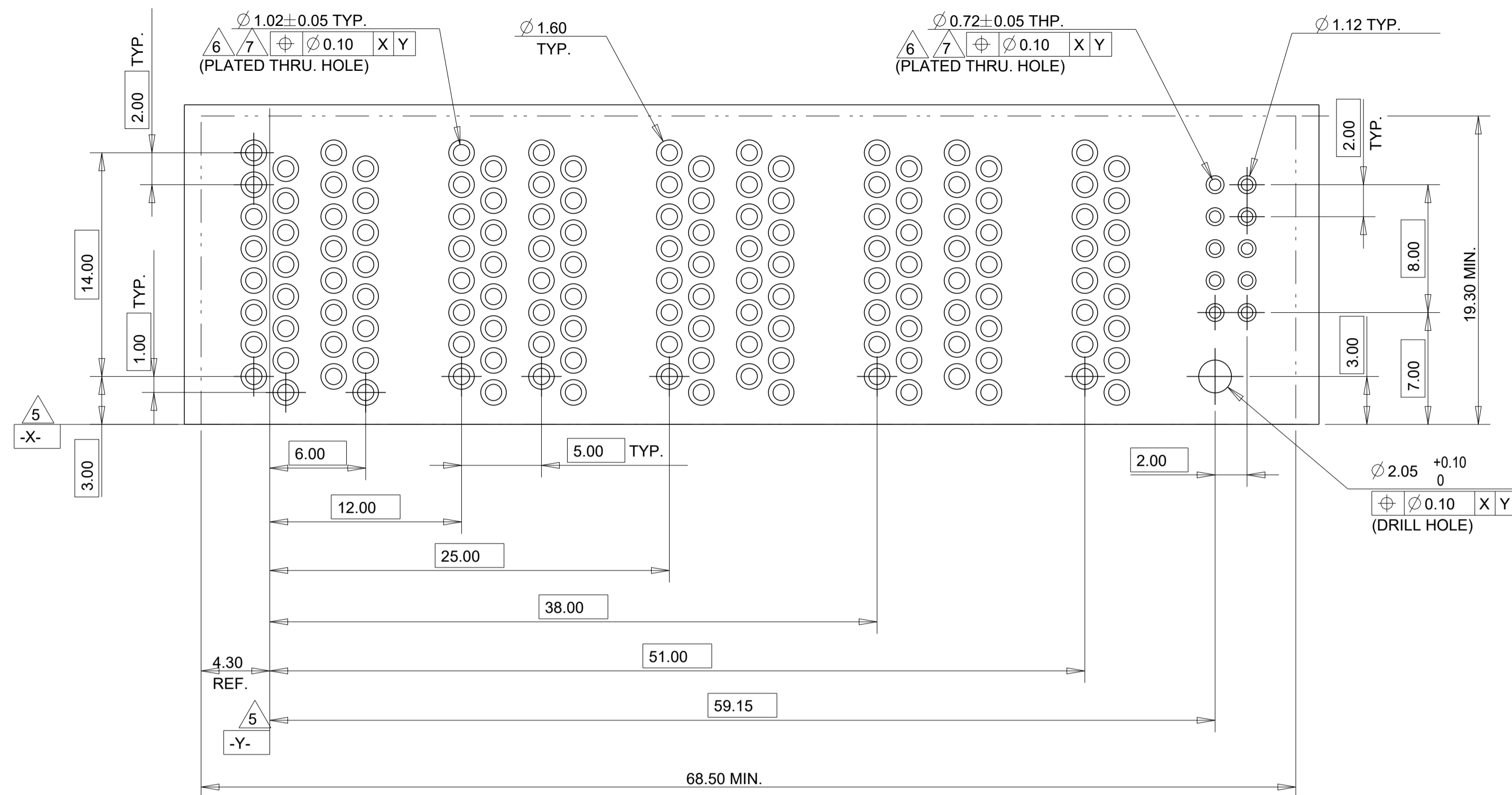
NAME: CUSTOMER DRAWING
 R/A REC. WITH SINGLE GUIDE
 MULTI-BEAM HD

SIZE: A1
 CAGE CODE: -
 DRAWING NO: 2204406
 RESTRICTED TO: -

SCALE: 4:1
 SHEET: 2 OF 4
 REV: A2

TE Connectivity

| 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

STE 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: -

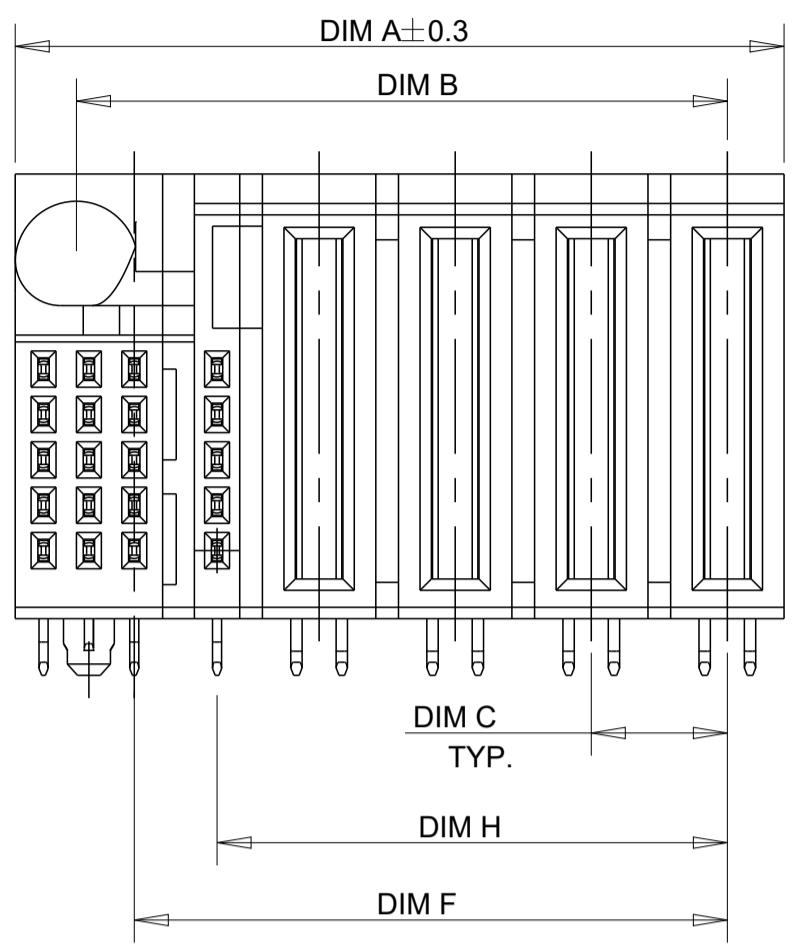
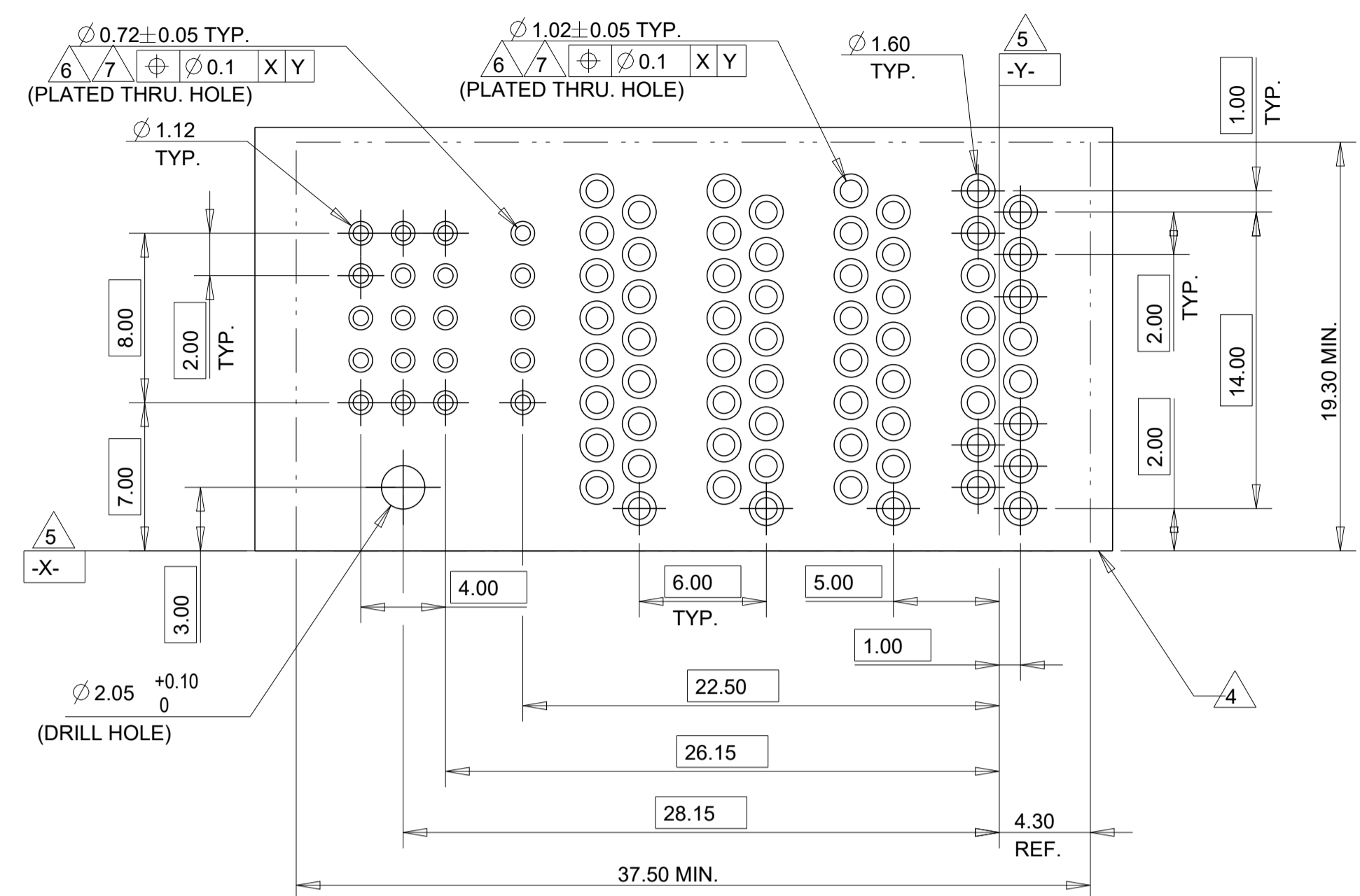
APPLICATION SPEC: -

PRODUCT SPEC: -

TOLERANCES UNLESS OTHERWISE SPECIFIED:

| DIMENSIONS: | min | |
|-------------|-----|------------|
| 0 PLC | | \pm |
| 1 PLC | | ± 0.4 |
| 2 PLC | | ± 0.25 |
| 3 PLC | | ± 0.15 |
| 4 PLC | | \pm |
| ANGLES | | \pm |

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

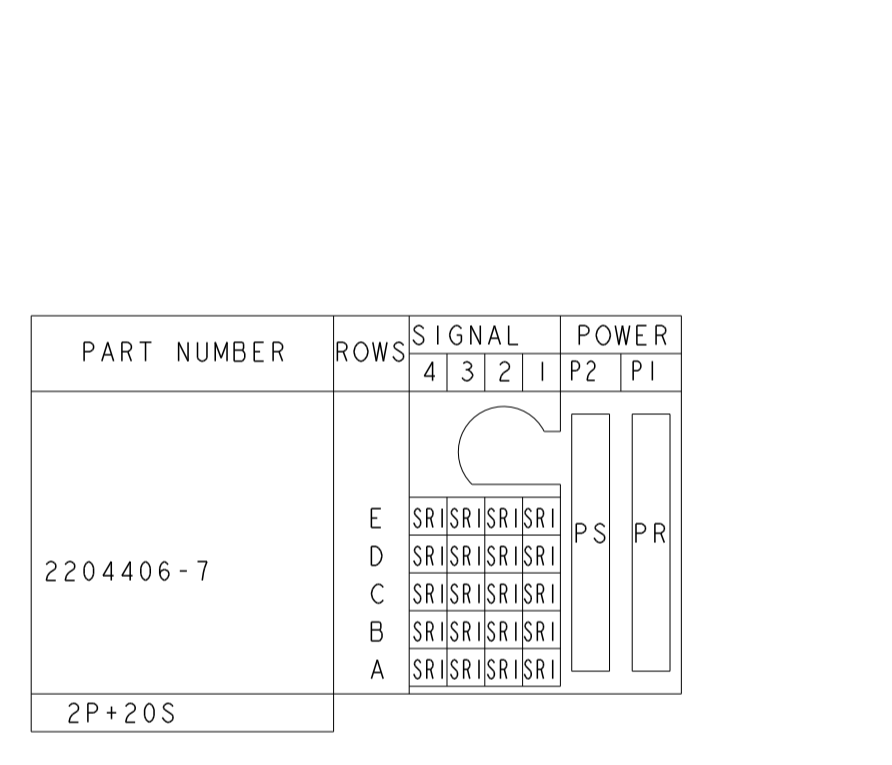
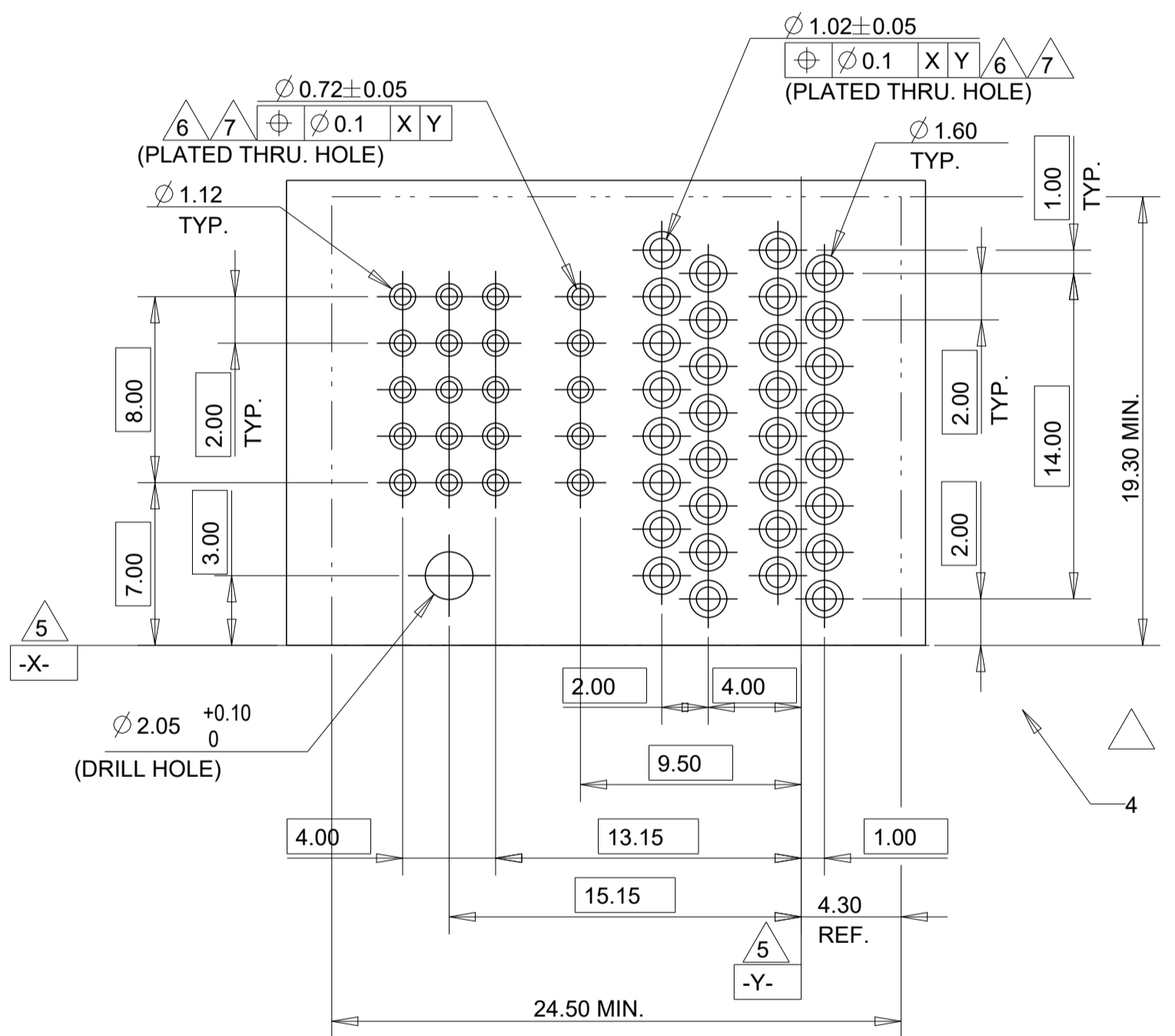


| PART NUMBER | ROWS | SIGNAL | | | | POWER | | | |
|-------------|------|--------|----|----|----|-------|----|----|----|
| | | 4 | 3 | 2 | 1 | P4 | P3 | P2 | P1 |
| 2204406-6 | E | SR | SR | SR | SR | PR | PR | PR | PR |
| | D | SR | SR | SR | SR | | | | |
| | C | SR | SR | SR | SR | | | | |
| | A |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

4VP+20S

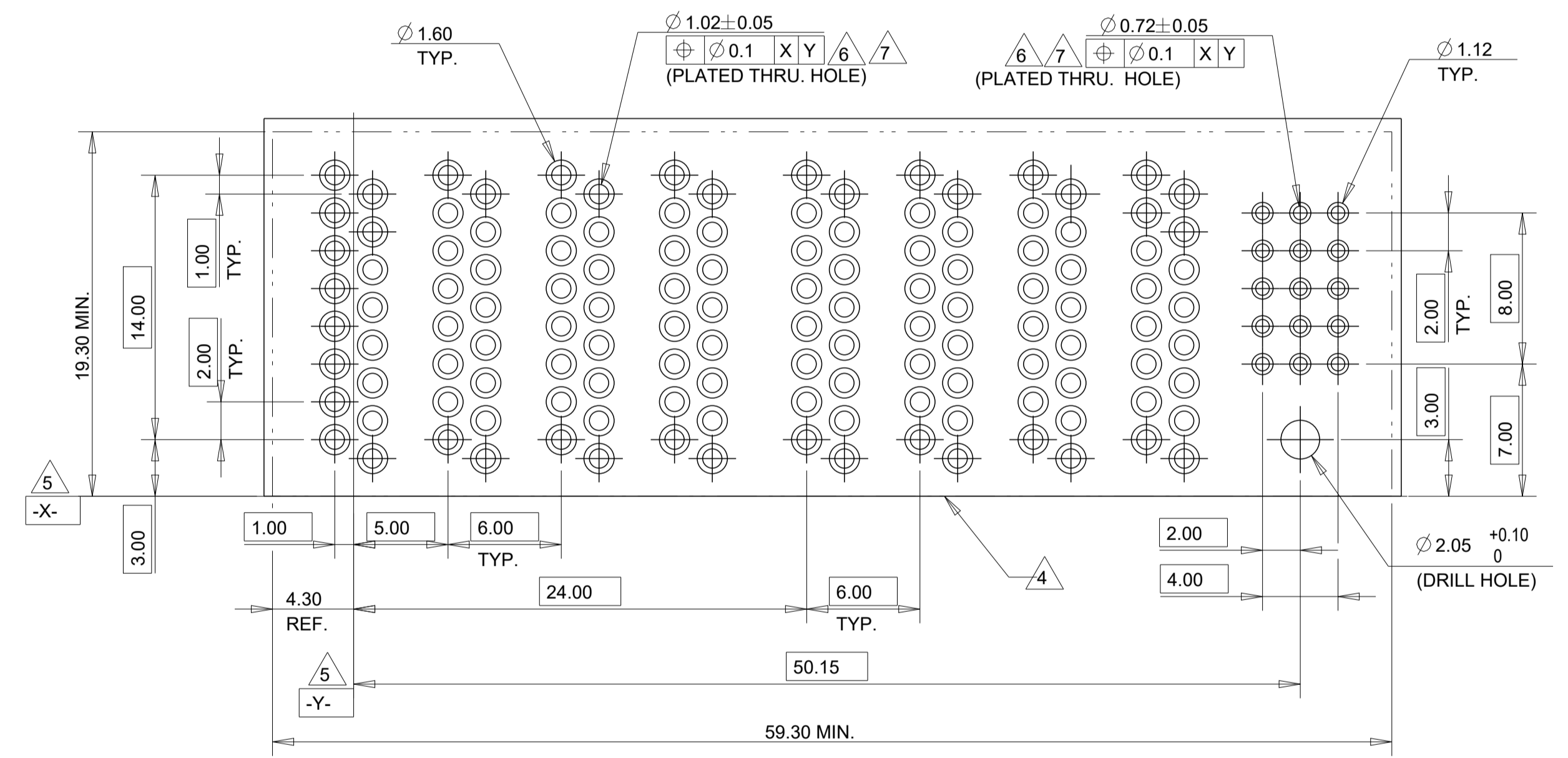
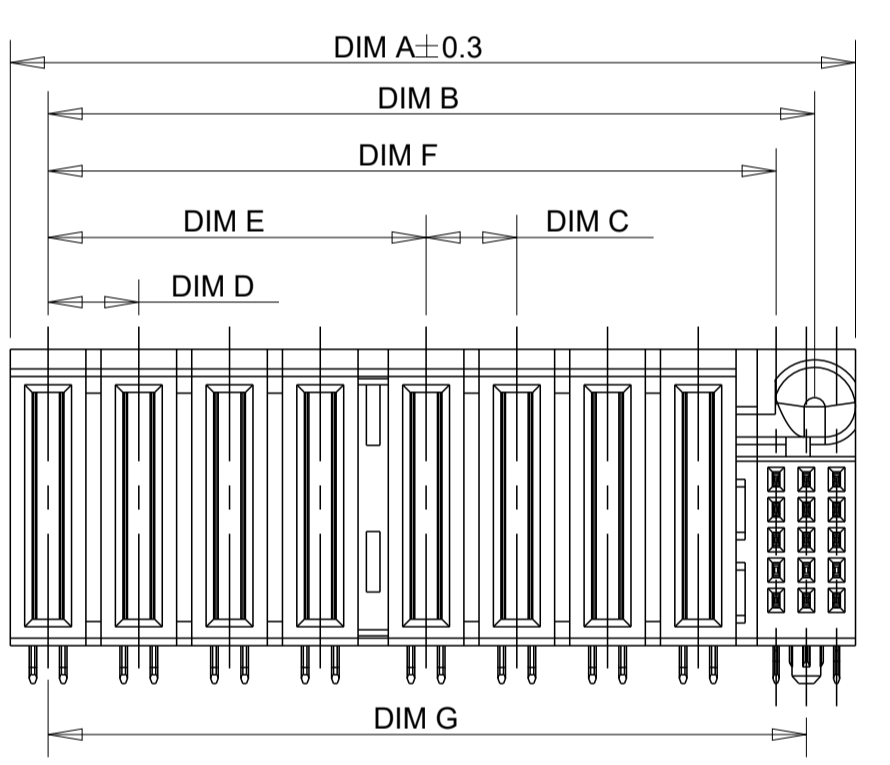
| PART NUMBER | POWER | | | | | | | | SIGNAL | | | ROWS |
|-------------|-------|----|----|----|----|----|----|----|--------|----|----|------|
| | P8 | P7 | P6 | P5 | P4 | P3 | P2 | P1 | S3 | S2 | S1 | |
| 2204406-9 | PR | PR | PR | PR | PR | PR | PR | PR | VR | VR | VR | E |
| | | | | | | | | | VR |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

15S+4VP+4VP



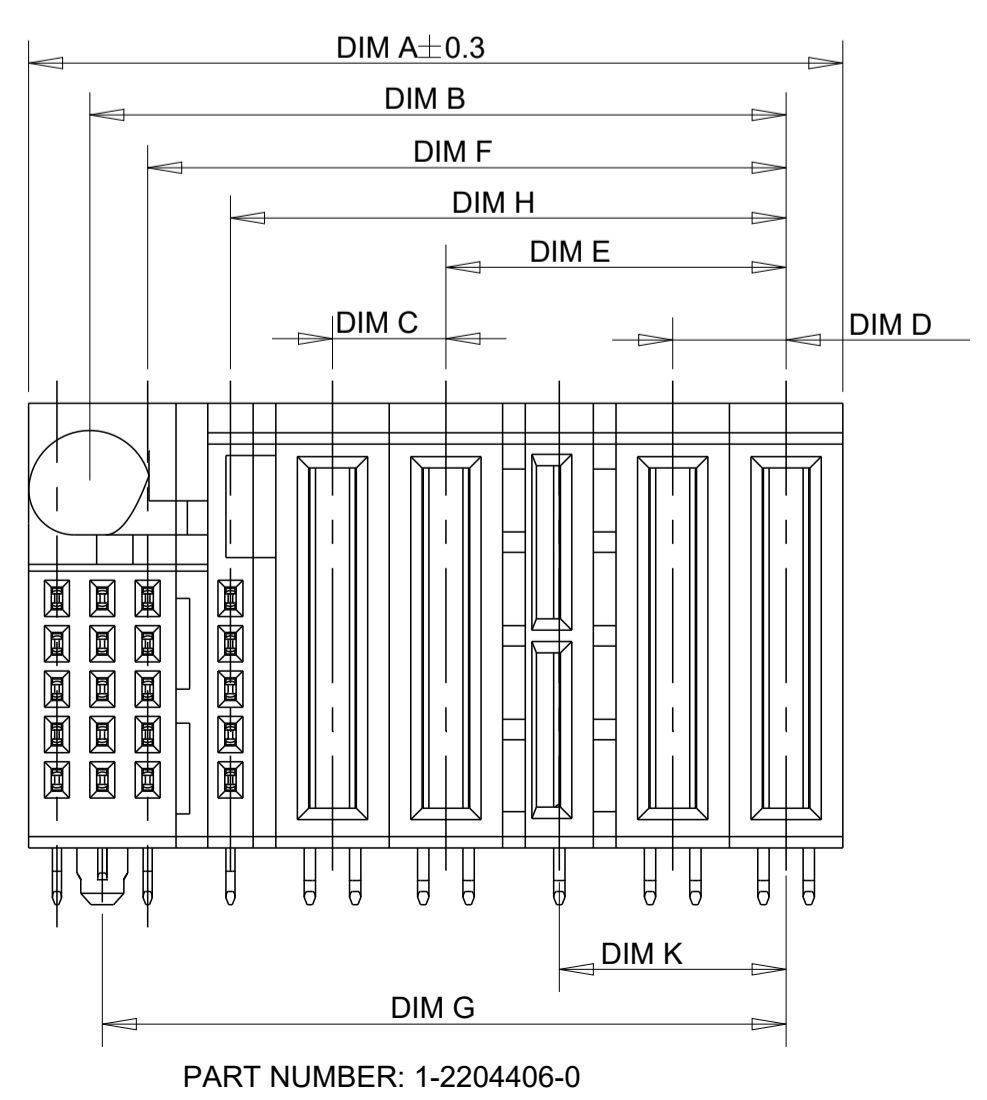
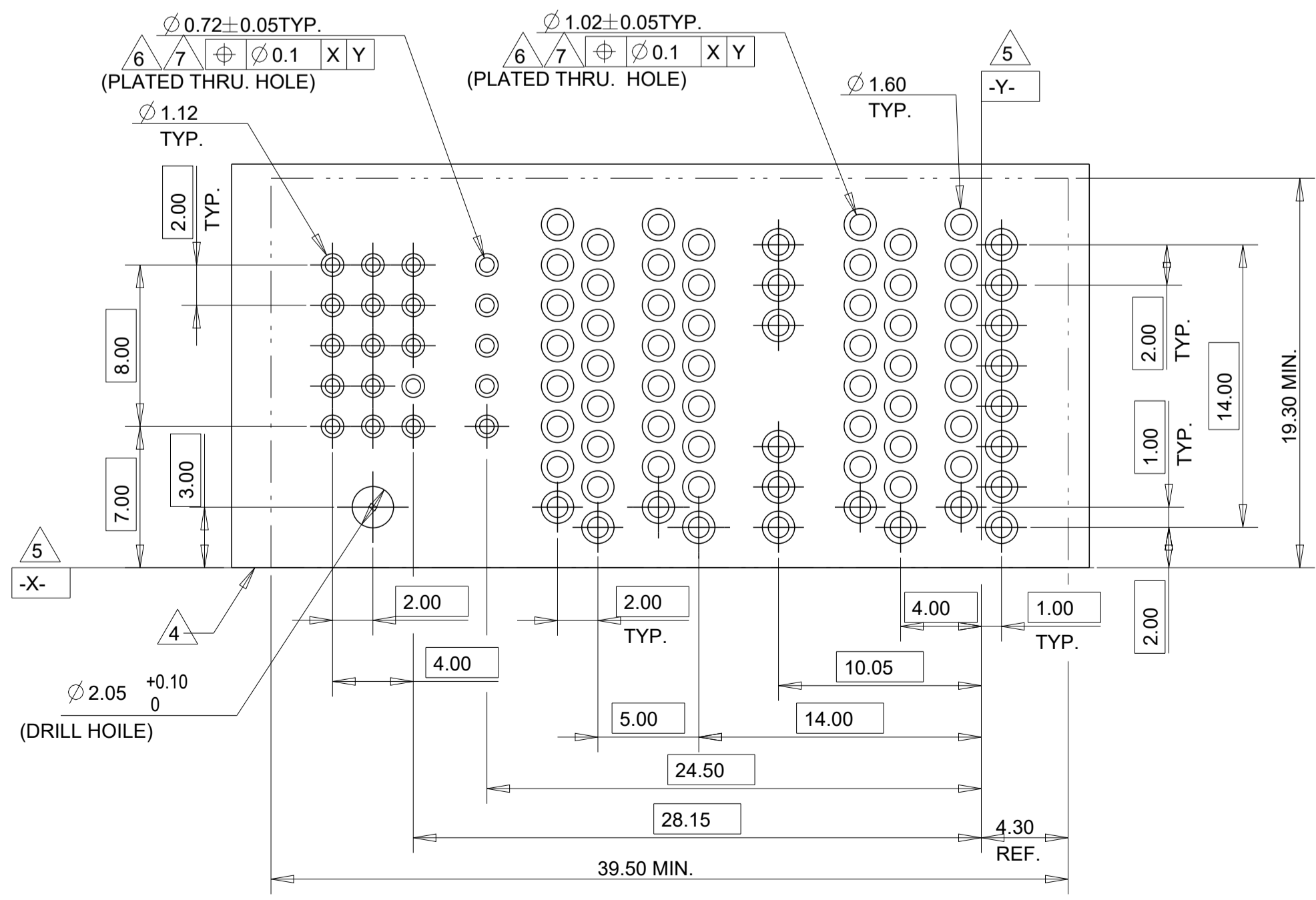
| PART NUMBER | ROWS | SIGNAL | | | POWER | |
|-------------|------|--------|----|----|-------|----|
| | | 4 | 3 | 2 | P2 | P1 |
| 2204406-7 | E | SR | SR | SR | PS | PR |
| | D | SR | SR | SR | | |
| | C | SR | SR | SR | | |
| | A | SR | SR | SR | | |

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
APP'D: SUNY ZHAO 13NOV2014

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

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

TE Connectivity