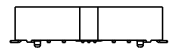
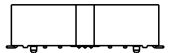
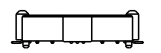
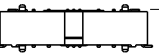
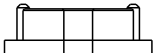
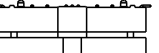
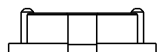
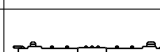


PART NUMBER SCHEME:

10196988-XXX X X X X X F

LEAD FREE

| XXX | POSITION |
|-----|----------|
| 006 | 2X3      |
| 020 | 2X10     |
| 080 | 2x40     |

| X                           | FOR RECEPTACLE, SEE DWG. NO. 10196989                                                               |                                                                                                   |                                                                                                    |                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| COMBINATION OF MATED HEIGHT | HEADER 1                                                                                            | HEADER 2                                                                                          | HEADER 3                                                                                           | HEADER 4                                                                                            |
|                             | <br>HEIGHT: 1.3    | <br>HEIGHT: 2.3 | <br>HEIGHT: 3.3 | <br>HEIGHT: 4.3  |
| RECEPTACLE 1                | <br>HEIGHT: 3.7    | <br>HEIGHT: 5    | <br>HEIGHT: 6    | <br>HEIGHT: 7    |
| RECEPTACLE 2                | <br>HEIGHT: 7.7    | <br>HEIGHT: 9    | <br>HEIGHT: 10   | <br>HEIGHT: 11   |
| RECEPTACLE 3                | <br>HEIGHT: 11.7  | <br>HEIGHT: 13  | <br>HEIGHT: 14  | <br>HEIGHT: 15  |
| RECEPTACLE 4                | <br>HEIGHT: 15.7 | <br>HEIGHT: 17 | <br>HEIGHT: 18 | <br>HEIGHT: 19 |

|   |                      |
|---|----------------------|
| X | CONTACT AREA PLATING |
| 8 | GOLD 0.05µm MIN      |

|   |                             |
|---|-----------------------------|
| X | POLARIZATION PEG/ DATE CODE |
| L | WITH PEG/ WITHOUT DATE CODE |

|   |                      |
|---|----------------------|
| X | SOLDER TAIL PLATING: |
| 0 | NATTE TIN 2.54µm MIN |

|   |                          |
|---|--------------------------|
| X | PACKAGING                |
| 2 | T&R WITH PICK UP FEATURE |

| PICK UP FEATURE | DESCRIPTION               |
|-----------------|---------------------------|
| MYLAR           | POSITION LESS THAN 40 POS |
| METAL CAP       | POSITION MORE THAN 40 POS |

- NOTES:
- MATERIAL:
    - HOUSING: THERMOPLASTIC, NATURAL, UL94V-0, MSL LEVEL 1.
    - TERMINAL: COPPER ALLOY.
    - HOLD DOWN: COPPER ALLOY.
  - PLATING:
    - CONTACT AREA: ACCORDING TO PART NUMBER;
    - SOLDER TAIL: MATTE TIN;
    - HOLD DOWN: MATTE TIN.
  - PRODUCT SPEC GS-12-2242.
  - APPLICATION SPEC GS-20-1072.
  - THIS HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A IR REFLOW SOLDERING APPLICATION.
  - THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.

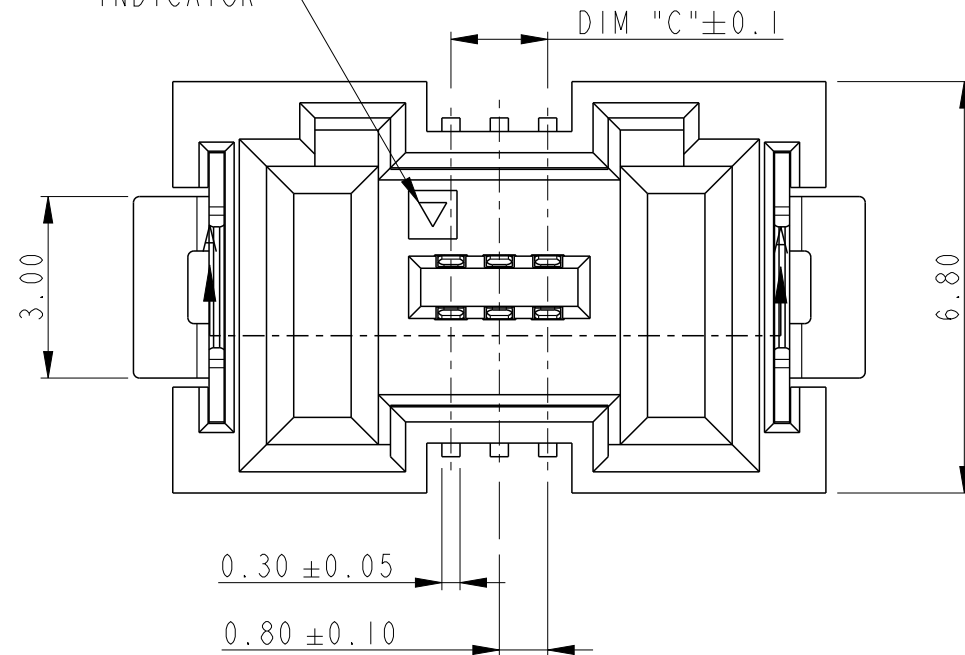
|               |         |         |            |                  |                    |                        |                |              |          |
|---------------|---------|---------|------------|------------------|--------------------|------------------------|----------------|--------------|----------|
| spec ref      | dr      | Alan Ni | 2026/03/25 | projection       | mm                 | size                   | A3             | scale        | 1:1      |
| tolerance std | eng     | Alan Ni | 2026/07/03 | chr              | -                  | ecn no                 | ELX-N-295897-1 | rel level    | Released |
|               | appr    | Tim Yao | 2026/07/08 | product family   |                    | rel level              | Released       |              |          |
| surface       | linear  | 0.X     | ±0.5       | Amphenol FCI     | HEADER             | dwg no                 | 10196988       | rev          | B        |
|               |         | 0.XX    | ±0.25      | amphenol-icc.com | BergStak 0.8mm BMI |                        |                |              |          |
|               |         | 0.XXX   | ±0.10      |                  |                    |                        |                |              |          |
|               | angular | 0°      | ±2°        |                  |                    |                        |                |              |          |
|               |         |         |            | cat. no.         |                    | Product - Customer Drw |                | sheet 1 of 3 |          |

HEADER 1/2/3/4

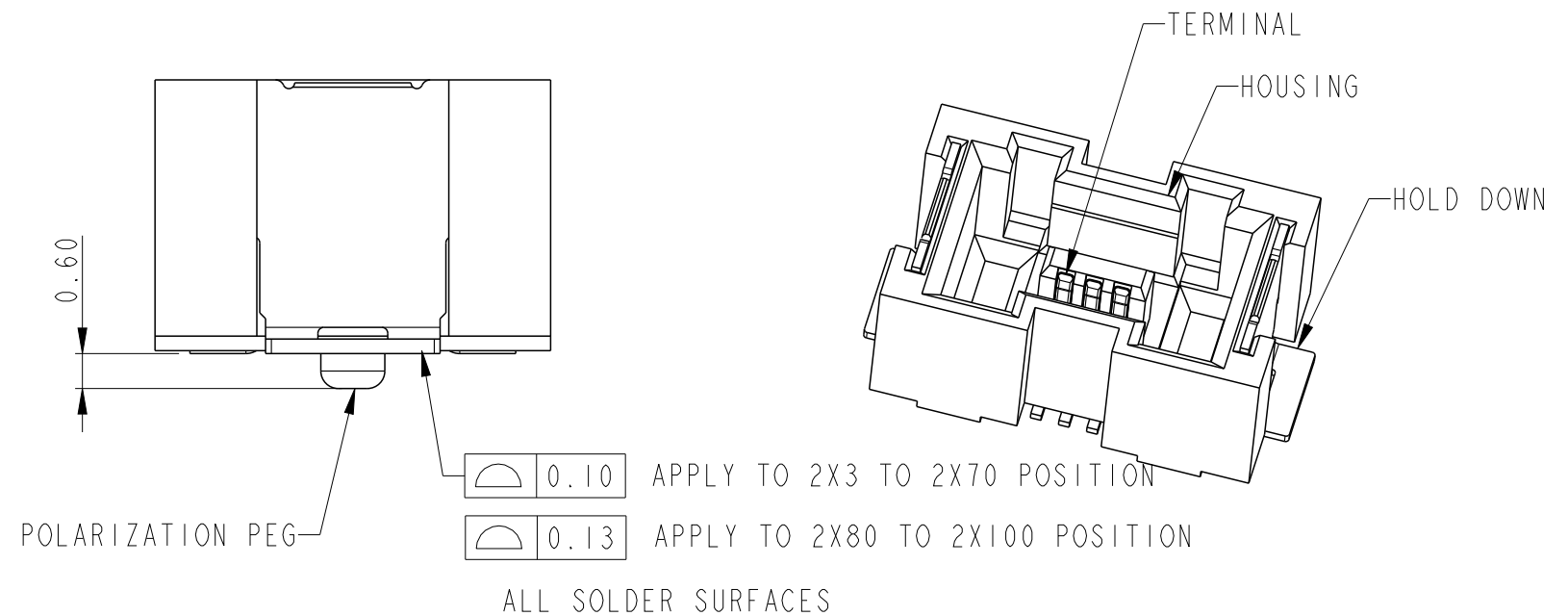
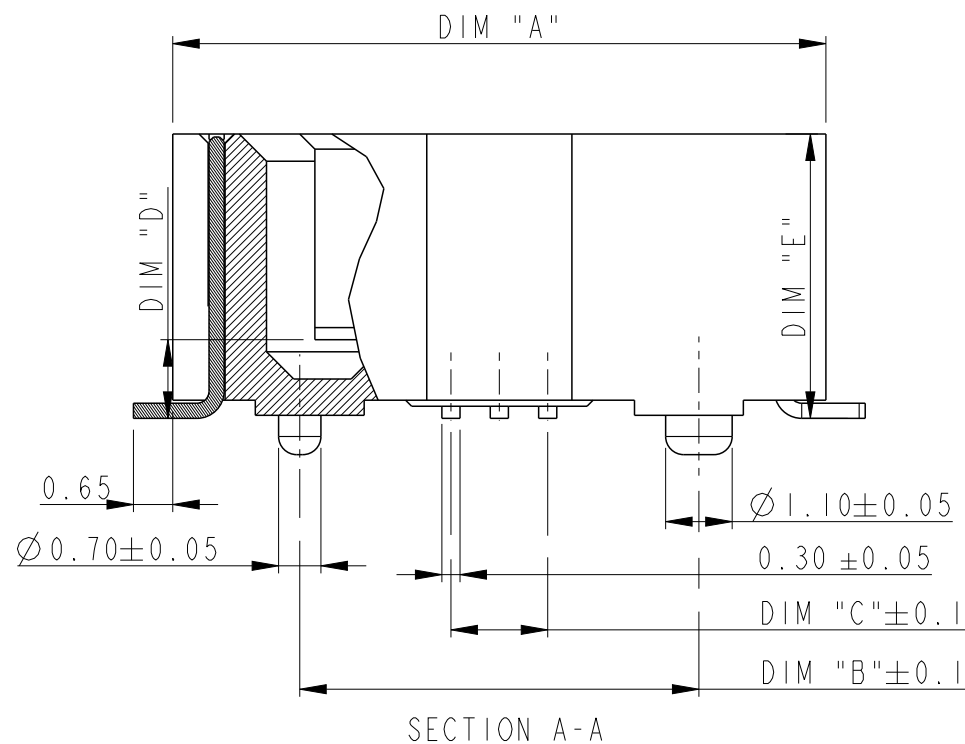
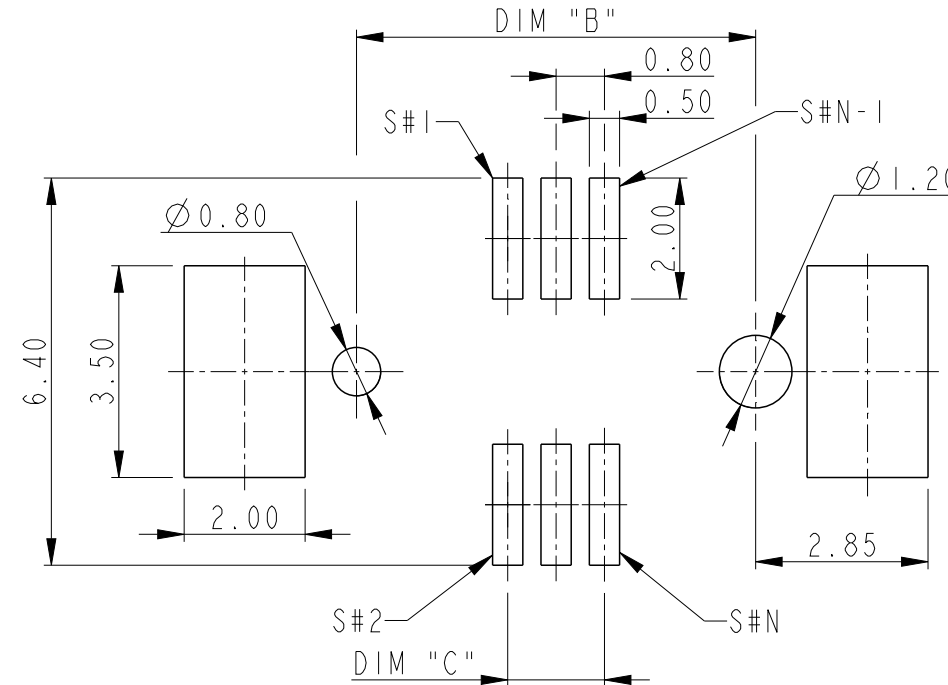
| Dimension | Computational Formula          |
|-----------|--------------------------------|
| DIM "A"   | (POSITION / 2 - 1) X 0.8 + 9.2 |
| DIM "B"   | (POSITION / 2 - 1) X 0.8 + 5   |
| DIM "C"   | (POSITION / 2 - 1) X 0.8       |

| PRODUCT  | DIM "D" | DIM "E" |
|----------|---------|---------|
| HEADER 1 | 1.3     | 4.7     |
| HEADER 2 | 2.3     | 5.7     |
| HEADER 3 | 3.3     | 6.7     |
| HEADER 4 | 4.3     | 7.7     |

TERMINAL POSITION #S1  
INDICATOR

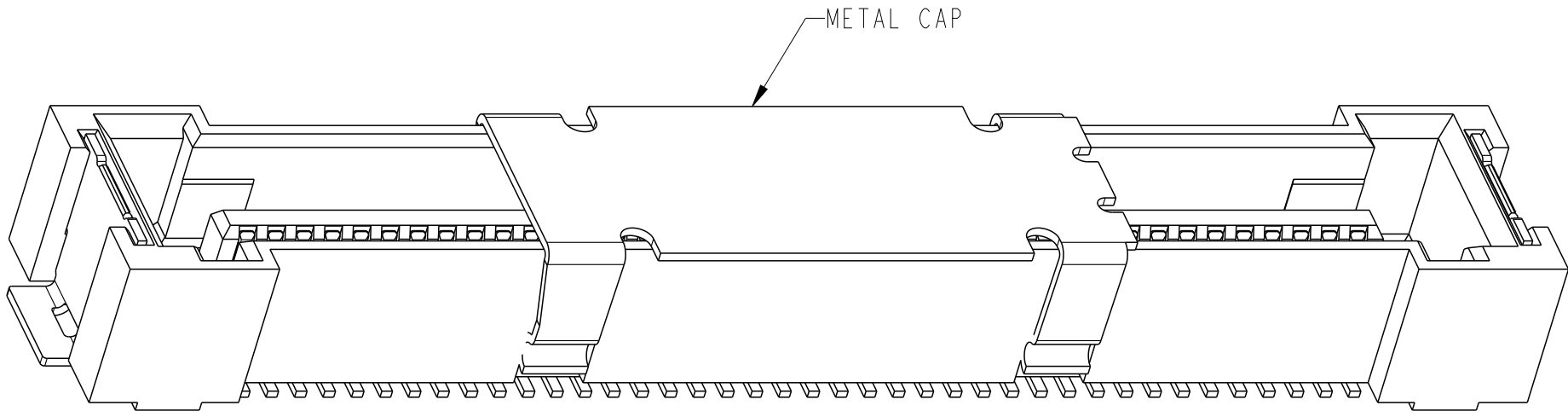
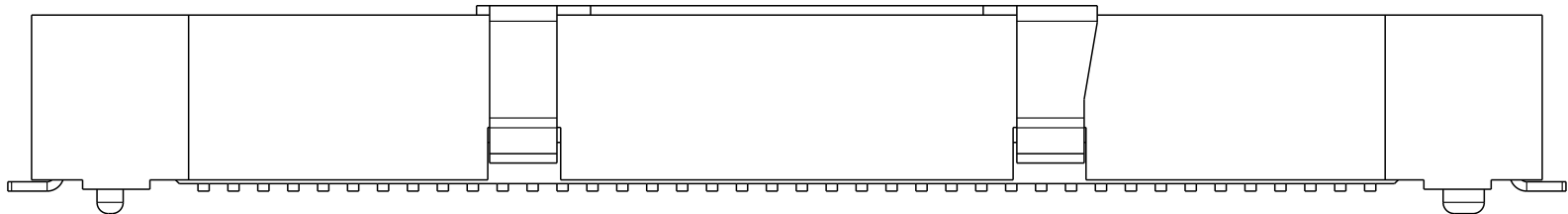
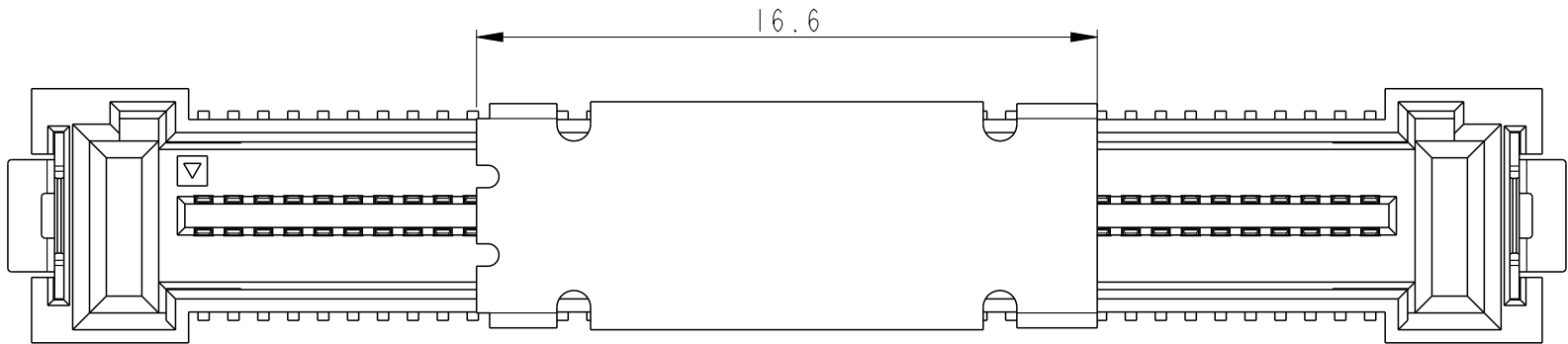
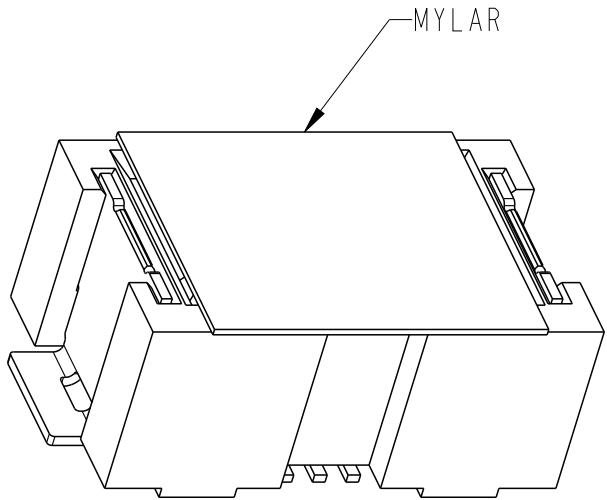
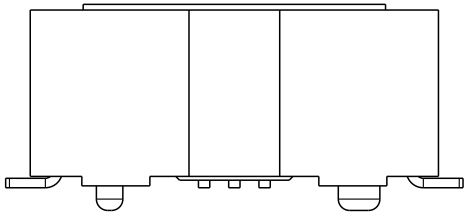
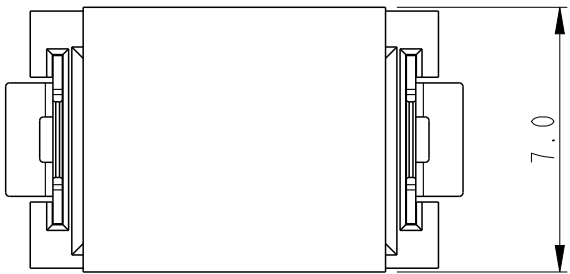


PCB LAYOUT PROPOSAL  
TOLERANCE RECOMMENDED ±0.05



|               |         |       |       |                                                                                       |         |            |                                                                                       |                                                                                       |            |                |       |              |                |
|---------------|---------|-------|-------|---------------------------------------------------------------------------------------|---------|------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------|----------------|-------|--------------|----------------|
| spec ref      |         |       |       | dr                                                                                    | Alan Ni | 2026/03/25 |  |  | size       | A3             | scale | 1:1          |                |
| tolerance std |         |       |       | eng                                                                                   | Alan Ni | 2026/07/03 |                                                                                       |                                                                                       | ecn no     |                |       |              | ELX-N-295897-1 |
|               |         |       |       | chr                                                                                   | -       | -          |                                                                                       |                                                                                       | rel level  |                |       |              | Released       |
|               |         |       |       | appr                                                                                  |         | Tim Yao    |                                                                                       |                                                                                       | 2026/07/08 | product family |       |              |                |
| surface       | linear  | 0.X   | ±0.5  |  | title   |            |                                                                                       |                                                                                       | dwg no     | 10196988       |       | rev          | B              |
|               |         | 0.XX  | ±0.25 |                                                                                       |         |            |                                                                                       |                                                                                       |            |                |       |              |                |
|               |         | 0.XXX | ±0.10 |                                                                                       |         |            |                                                                                       |                                                                                       |            |                |       |              |                |
|               | angular | 0°    | ±°    | amphenol-icc.com                                                                      |         | cat. no.   |                                                                                       | Product - Customer Drw                                                                |            |                |       | sheet 2 of 3 |                |

| PICK UP FEATURE | DESCRIPTION               |
|-----------------|---------------------------|
| MYLAR           | POSITION LESS THAN 40 POS |
| METAL CAP       | POSITION MORE THAN 40 POS |



SCALE 6:1

|               |                                       |         |       |              |                                       |            |                                                                                       |                                                                                       |                        |                |          |              |                |
|---------------|---------------------------------------|---------|-------|--------------|---------------------------------------|------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------|----------------|----------|--------------|----------------|
| spec ref      |                                       |         |       | dr           | Alan Ni                               | 2026/03/25 |  |  | mm                     | size           | A3       | scale        | 1:1            |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |         |       | eng          | Alan Ni                               | 2026/07/03 |                                                                                       |                                                                                       | ecn no                 | ELX-N-295897-1 |          |              |                |
|               |                                       |         |       | chr          | -                                     | -          |                                                                                       |                                                                                       |                        | rel level      | Released |              |                |
|               |                                       |         |       | appr         | Tim Yao                               | 2026/07/08 |                                                                                       |                                                                                       |                        |                |          |              | product family |
| surface       | linear                                | 0.X     | ±0.5  | Amphenol FCI | title<br>HEADER<br>BergStak 0.8mm BMI |            |                                                                                       | dwg no                                                                                | 10196988               |                |          | rev          | B              |
|               |                                       | 0.XX    | ±0.25 |              |                                       |            |                                                                                       |                                                                                       |                        |                |          |              |                |
|               |                                       | 0.XXX   | ±0.10 |              |                                       |            |                                                                                       |                                                                                       |                        |                |          |              |                |
|               |                                       | angular | 0°    | ±°           | amphenol-icc.com                      | cat. no.   |                                                                                       |                                                                                       | Product - Customer Drw |                |          | sheet 3 of 3 |                |