

|   | 1                                                           | 2 | 3                                  | 4 | 5 | 6 | 7 | 8 |
|---|-------------------------------------------------------------|---|------------------------------------|---|---|---|---|---|
|   | PART NUMBER<br>(INCLUDE :2 CONNECTORS<br>+ 1 MEZZANINE PCB) |   | DIM "A"<br>STACK HEIGHT<br>(±0.50) |   |   |   |   |   |
| A | 10127597-001LF                                              |   | 32                                 |   |   |   |   |   |
|   | 10127597-002LF                                              |   | 33                                 |   |   |   |   |   |
|   | 10127597-003LF                                              |   | 34                                 |   |   |   |   |   |
| B | 10127597-004LF                                              |   | 35                                 |   |   |   |   |   |
|   | 10127597-005LF                                              |   | 36                                 |   |   |   |   |   |
|   | 10127597-006LF                                              |   | 37                                 |   |   |   |   |   |
| C | 10127597-007LF                                              |   | 38                                 |   |   |   |   |   |
|   | 10127597-008LF                                              |   | 39                                 |   |   |   |   |   |
|   | 10127597-009LF                                              |   | 40                                 |   |   |   |   |   |
|   | 10127597-010LF                                              |   | 41                                 |   |   |   |   |   |
|   | 10127597-011LF                                              |   | 42                                 |   |   |   |   |   |

MEZZANINE PCB:10127274

CONNECTOR:10127272-001LF

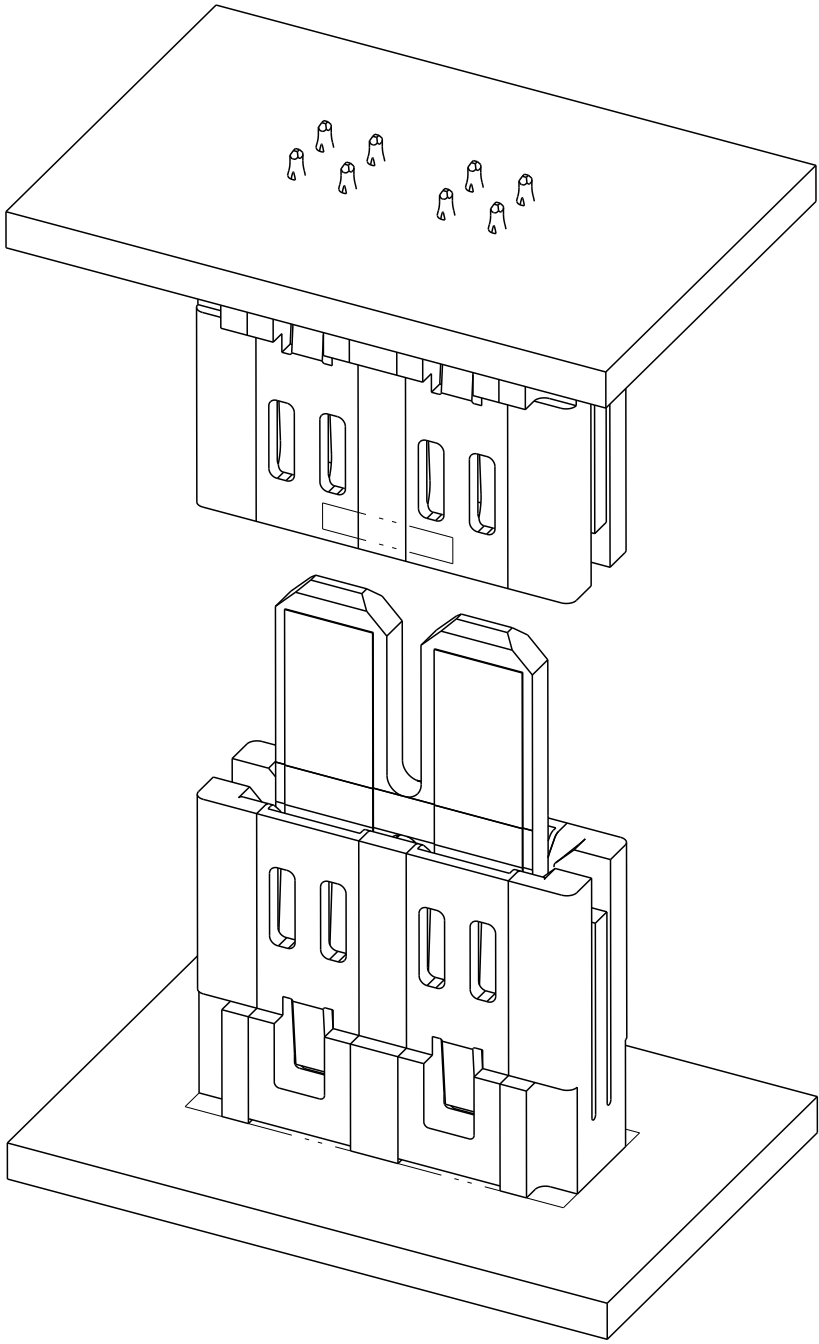
(DIM "A")  
STACK HEIGHT  
SEE NOTE

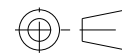
(7.25)

(18.82)

NOTE:

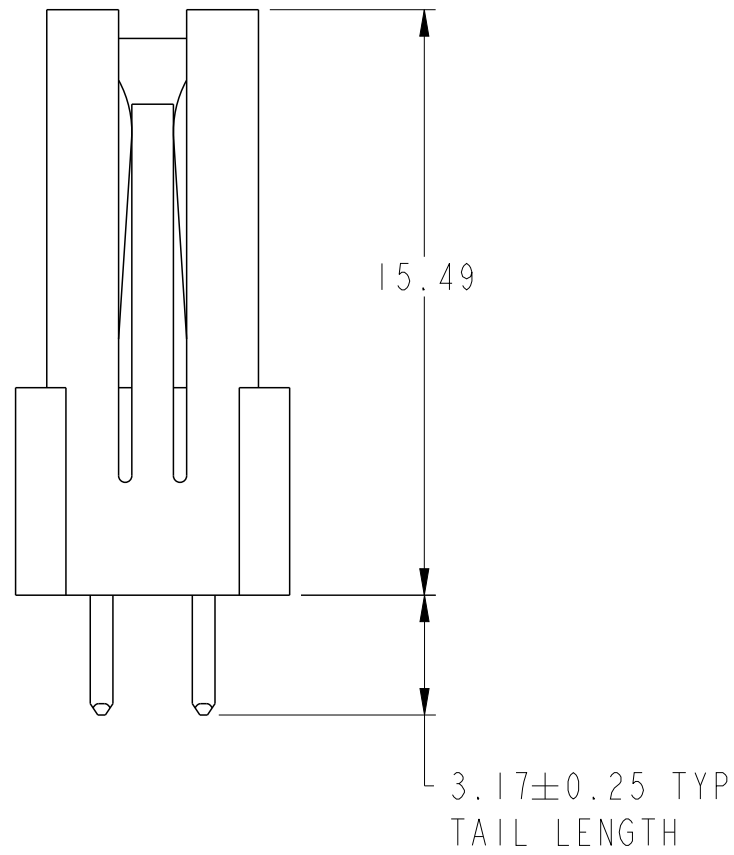
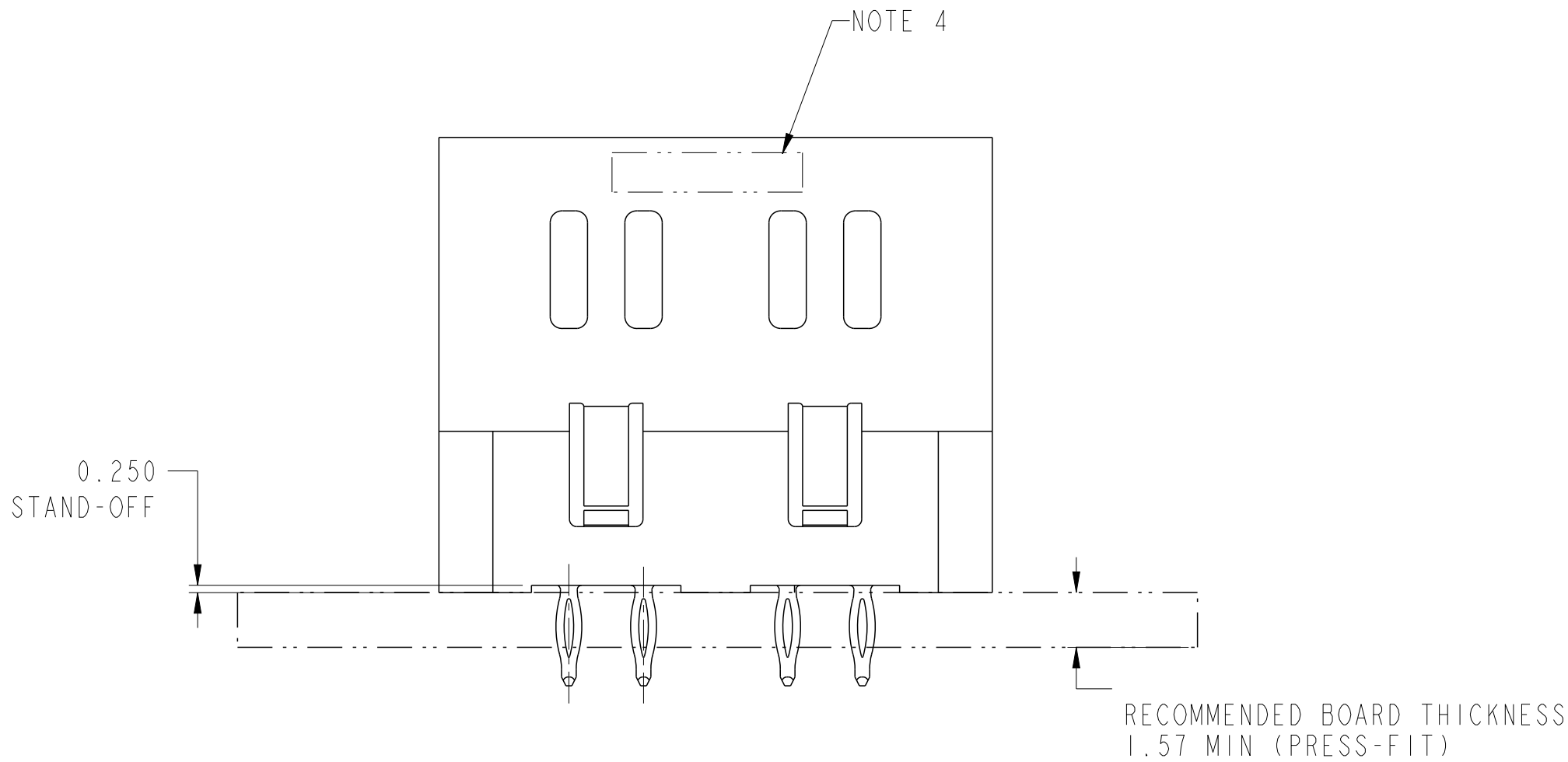
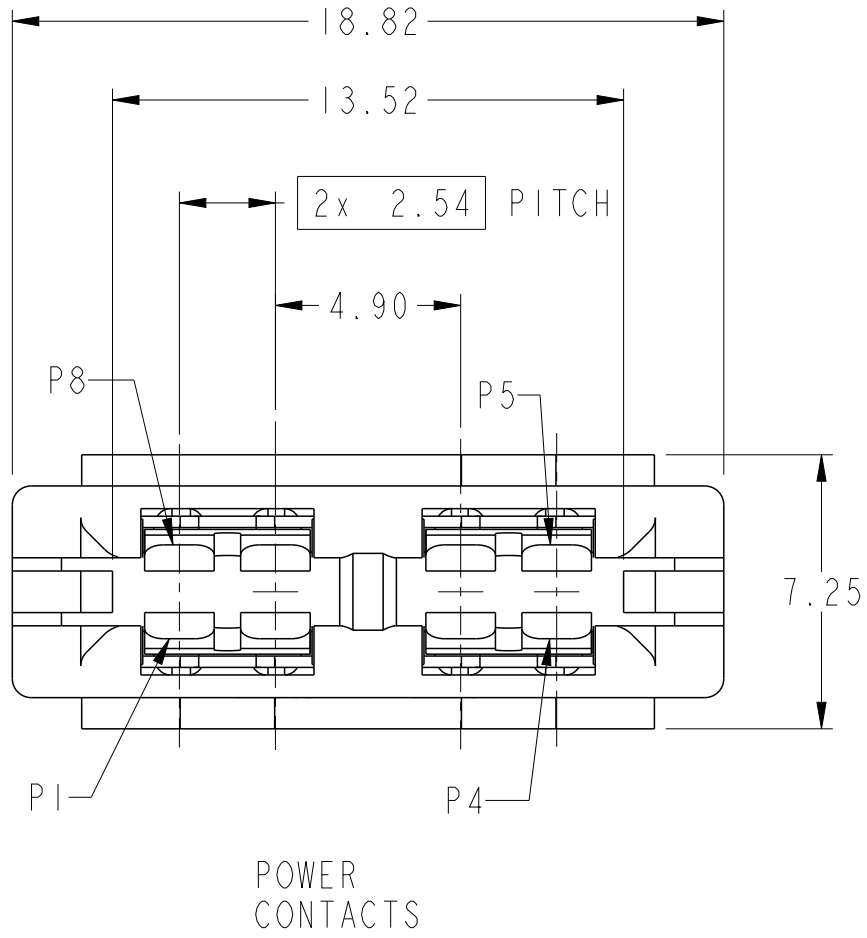
INTENDED USE-- TWO CONNECTORS (P/N 10127272) MEZZANINE STACKED USING PCB TO  
CONTROL STACK HEIGHT.  
FINAL MEZZANINE STACK HEIGHT RANGES FROM 32~42 mm IN 1 mm INCREMENTS.



|               |            |                                       |                     |              |                                                   |                                                                                                  |                                                                                          |                       |            |
|---------------|------------|---------------------------------------|---------------------|--------------|---------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------|------------|
| spec ref -    |            |                                       | dr Jackie Huang     |              | 2015/04/15                                        | projection  | MM  | size A2               | scale 2:1  |
| tolerance std |            | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng Sunny2 Liu      |              | 2016/04/12                                        |                                                                                                  |                                                                                          | ecn no ELX-DG-22934-1 |            |
| ISO 406       |            |                                       | chr Terris Liu      |              | 2016/05/20                                        |                                                                                                  |                                                                                          | rel level Released    |            |
| ISO 1101      |            |                                       | appr Pei-Ming Zheng |              | 2016/05/24                                        |                                                                                                  |                                                                                          |                       |            |
|               |            |                                       |                     |              |                                                   | product family -                                                                                 |                                                                                          |                       |            |
| surface       | linear     | 0.X                                   | ±0.5                | Amphenol FCI | title ASSY VERT RECP (8P)<br>HIGH POWER CARD EDGE | dwg no 10127597                                                                                  | rev B                                                                                    |                       |            |
|               |            | 0.XX                                  | ±0.25               |              |                                                   |                                                                                                  |                                                                                          |                       |            |
|               |            | 0.XXX                                 | ±0.10               |              |                                                   |                                                                                                  |                                                                                          |                       |            |
|               | ASME Y14.5 | angular                               | 0°                  |              |                                                   |                                                                                                  |                                                                                          | ±2°                   | cat. no. - |

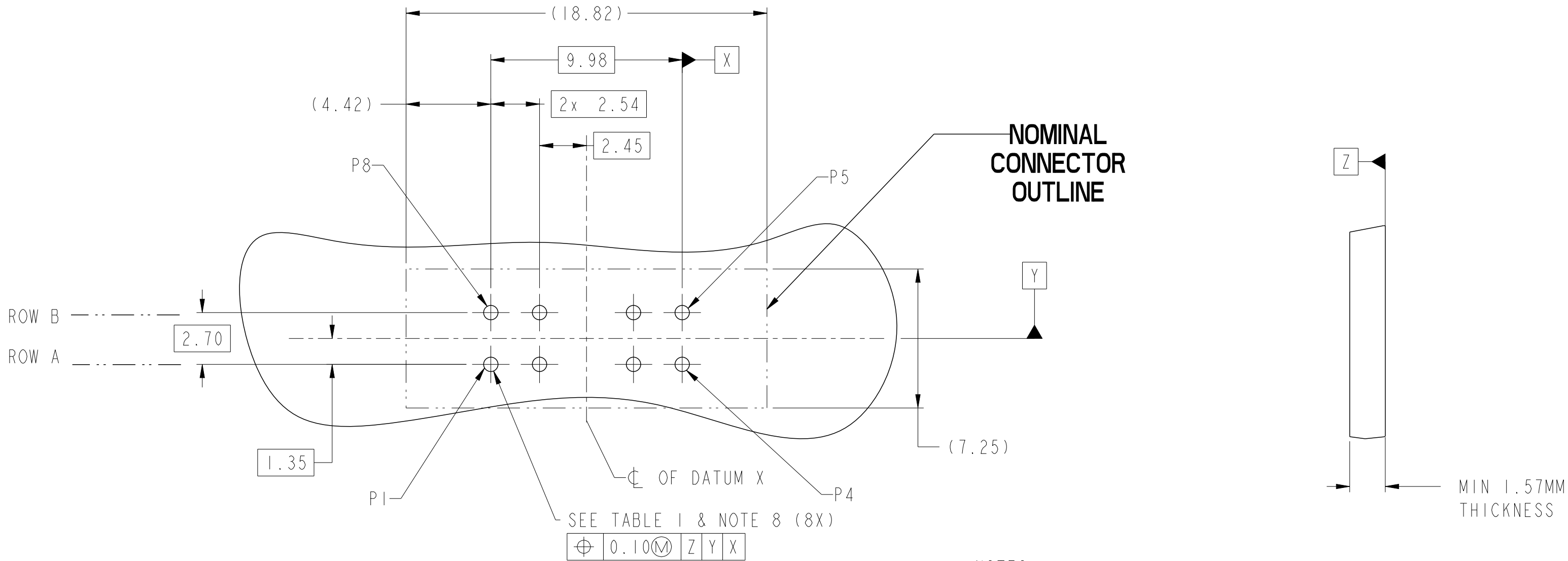
PART NUMBER  
(CONNECTOR)

10127272-001LF

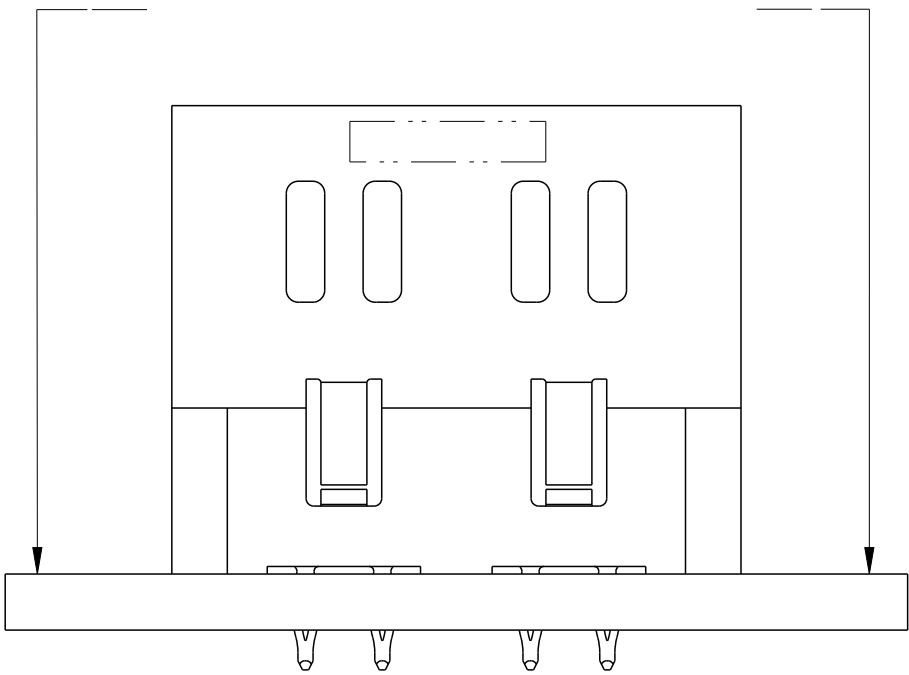


|               |  |         |  |          |  |                                       |  |                 |  |            |  |                                                                                       |  |                                                                                       |  |              |  |                |  |     |  |
|---------------|--|---------|--|----------|--|---------------------------------------|--|-----------------|--|------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|--------------|--|----------------|--|-----|--|
| spec ref      |  | -       |  | dr       |  | Jackie Huang                          |  | 2015/04/15      |  | projection |  | MM                                                                                    |  | size                                                                                  |  | A2           |  | scale          |  | 5:1 |  |
| tolerance std |  | ISO 406 |  | ISO 1101 |  | eng                                   |  | Sunny2 Liu      |  | 2016/04/12 |  |  |  |  |  | ecn no       |  | ELX-DG-22934-1 |  |     |  |
|               |  |         |  |          |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |                 |  |            |  | chr                                                                                   |  |                                                                                       |  | Terris Liu   |  | 2016/05/20     |  |     |  |
|               |  |         |  |          |  | appr                                  |  | Pei-Ming Zheng  |  | 2016/05/24 |  | product family                                                                        |  | CARD EDGE                                                                             |  | rel level    |  | Released       |  |     |  |
| surface       |  | linear  |  | 0.X      |  | ±0.5                                  |  | Amphenol<br>FCI |  | title      |  | ASSY VERT RECP (8P)                                                                   |  | dwg no                                                                                |  | 10127597     |  | rev            |  | B   |  |
|               |  |         |  | 0.XX     |  | ±0.25                                 |  |                 |  |            |  |                                                                                       |  |                                                                                       |  |              |  |                |  |     |  |
|               |  |         |  | 0.XXX    |  | ±0.10                                 |  |                 |  |            |  |                                                                                       |  |                                                                                       |  |              |  |                |  |     |  |
| ASME Y14.5    |  | angular |  | 0°       |  | ±2°                                   |  |                 |  | cat. no.   |  | -                                                                                     |  | Product - Customer Drw                                                                |  | sheet 2 of 4 |  |                |  |     |  |

| CONTACT TYPE   | TOP LAYER DESCRIPTION | TABLE 1 (HPCE / PRESS-FIT TAILS)<br>PLATED THROUGH-HOLE REQUIREMENTS |                  |                    |               |                        |
|----------------|-----------------------|----------------------------------------------------------------------|------------------|--------------------|---------------|------------------------|
|                |                       | DRILLED HOLE DIAMETER                                                | COPPER THICKNESS | TIN-LEAD THICKNESS | TIN THICKNESS | FINISHED HOLE DIAMETER |
| POWER & SIGNAL | TIN-LEAD              | 0.81-0.86 (0.85 DRILL)                                               | 0.025 - 0.050    | 0.005 - 0.015      | --            | 0.65 - 0.80            |
|                | IMMERSION TIN         | 0.81-0.86 (0.85 DRILL)                                               | 0.025 - 0.050    | --                 | 0.9 - 1.5um   | 0.70 - 0.80            |
|                | COPPER (SEE NOTE 7)   | 0.81-0.86 (0.85 DRILL)                                               | 0.025 - 0.050    | --                 | --            | 0.70 - 0.80            |



RECOMMENDED PCB LAYOUT  
VIEWED FROM CONNECTOR SIDE



NOTES:

- CONNECTOR MATERIALS:  
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK  
UL 94V-0 COMPLIANT  
CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
- CONTACT FINISH REF. GS-12-1261 SECTION 5.2.
- PRODUCT SPECIFICATION: GS-12-1261.
- PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS AFCI SPECIFICATION: GS-24-007.
- PACKAGING MEETS FCI SPECIFICATION GS-14-2456.
- HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
- COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
- ALL HOLE SIZES ARE FINISHED HOLE SIZES.
- A SYMBOL  $\triangle B$  WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

|               |                      |                        |                 |            |                                             |              |            |          |                |     |
|---------------|----------------------|------------------------|-----------------|------------|---------------------------------------------|--------------|------------|----------|----------------|-----|
| spec ref      | -                    | dr                     | Jackie Huang    | 2015/04/15 | projection                                  | MM           | size       | A2       | scale          | 2:1 |
| tolerance std | ISO 406<br>ISO 1101  | eng                    | Sunny2 Liu      | 2016/04/12 | chr                                         | Terris Liu   | 2016/05/20 | ecn no   | ELX-DG-22934-1 |     |
| surface       | ASME Y14.5           | appr                   | Pei-Ming Zheng  | 2016/05/24 | product family                              | -            | rel level  | Released |                |     |
| linear        | 0.X<br>0.XX<br>0.XXX | ±0.5<br>±0.25<br>±0.10 | Amphenol<br>FCi | title      | ASSY VERT RECP (8P)<br>HIGH POWER CARD EDGE | dwg no       | 10127597   | rev      | B              |     |
| angular       | 0°                   | ±2°                    | cat. no.        | -          | Product - Customer Drw                      | sheet 3 of 4 |            |          |                |     |



## Данный компонент на территории Российской Федерации

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