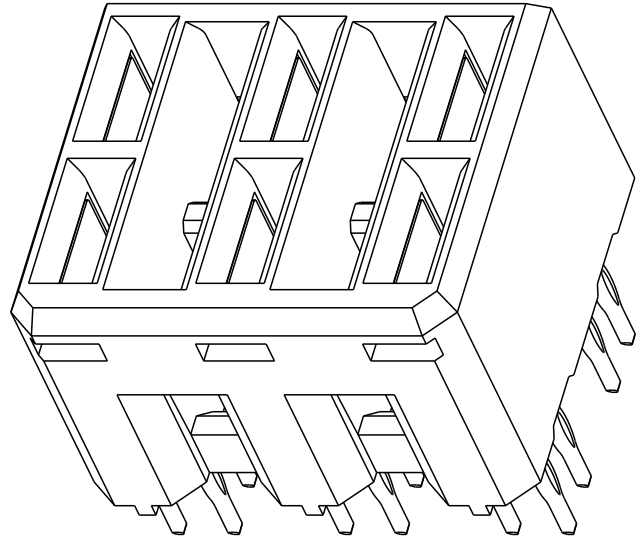
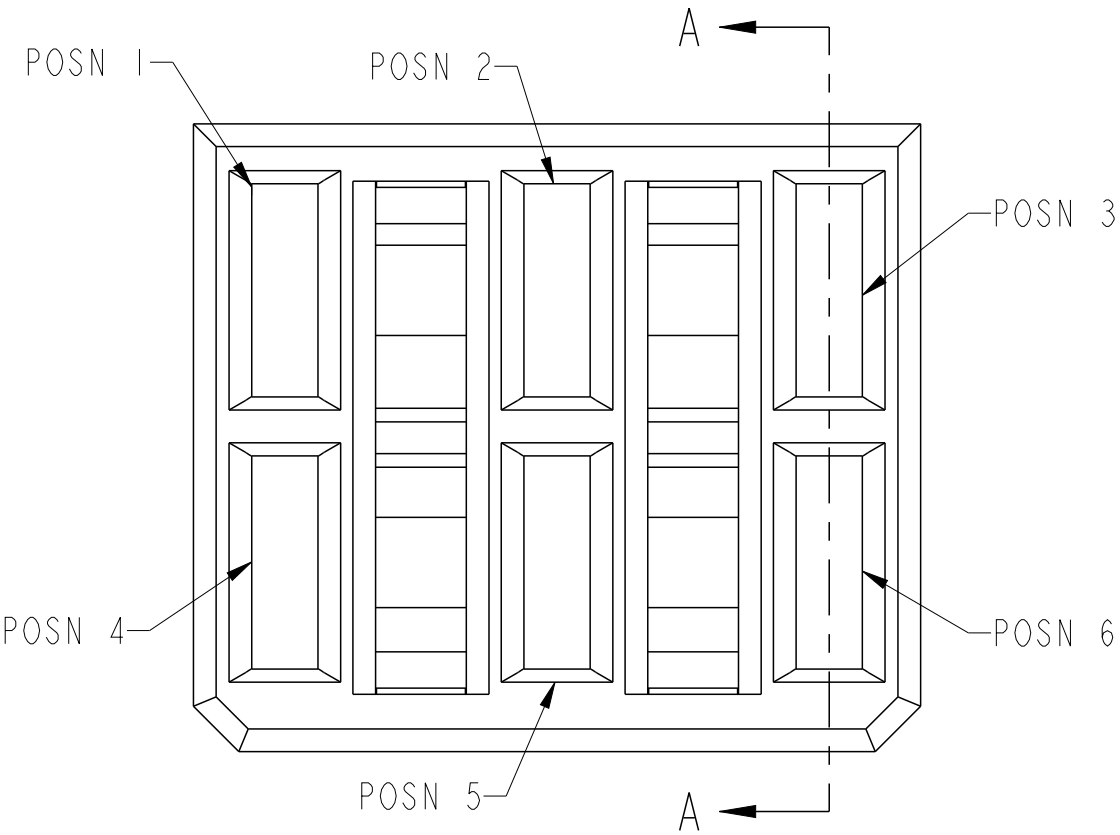
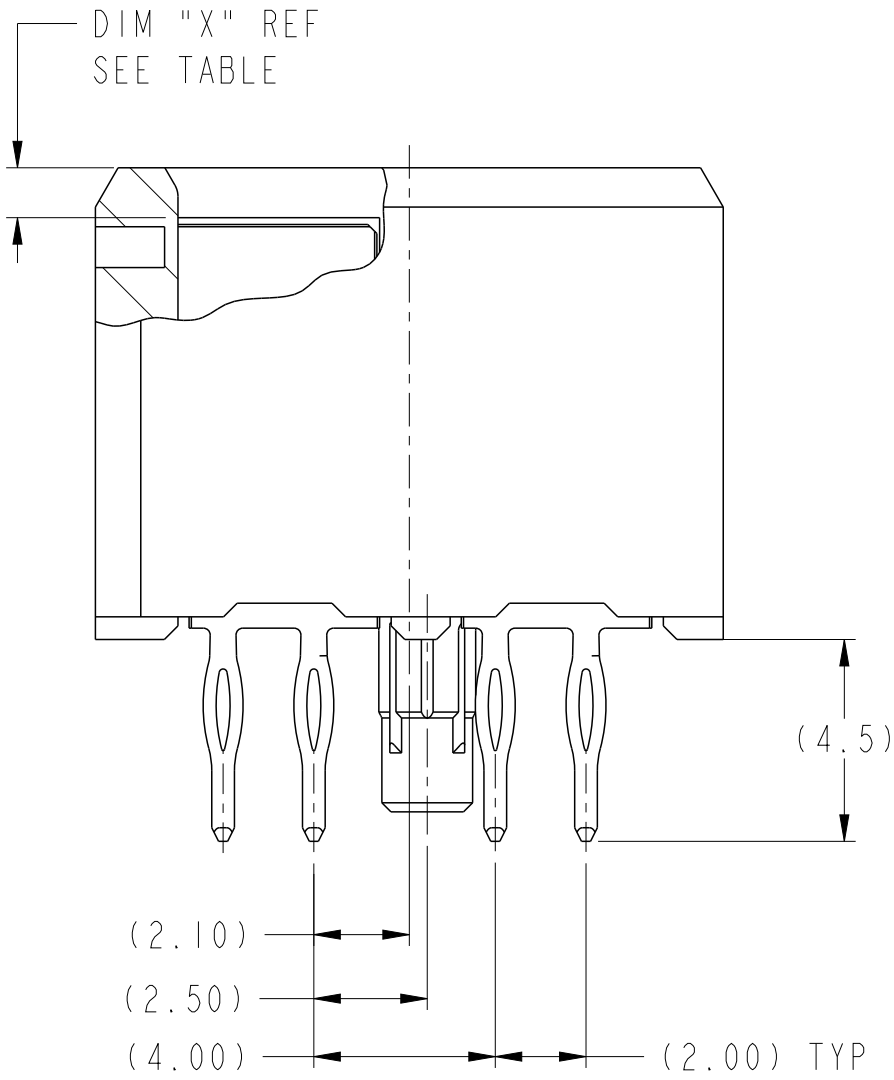
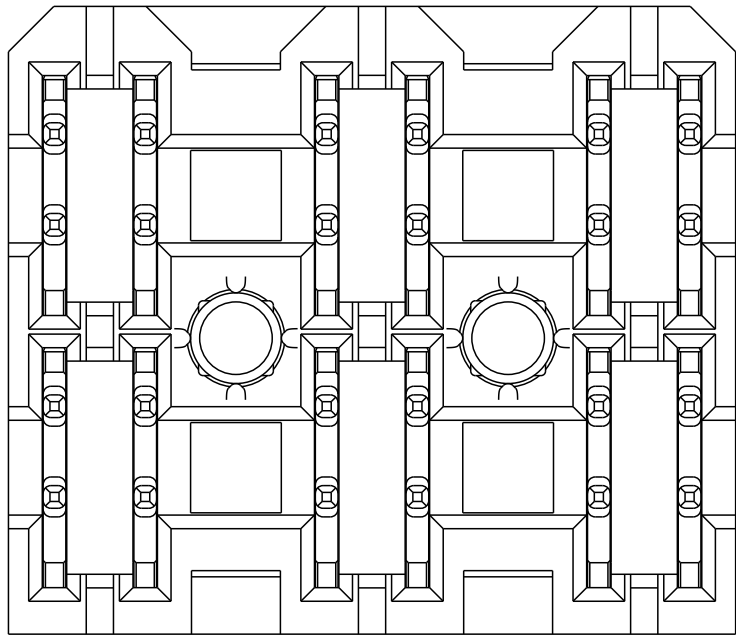
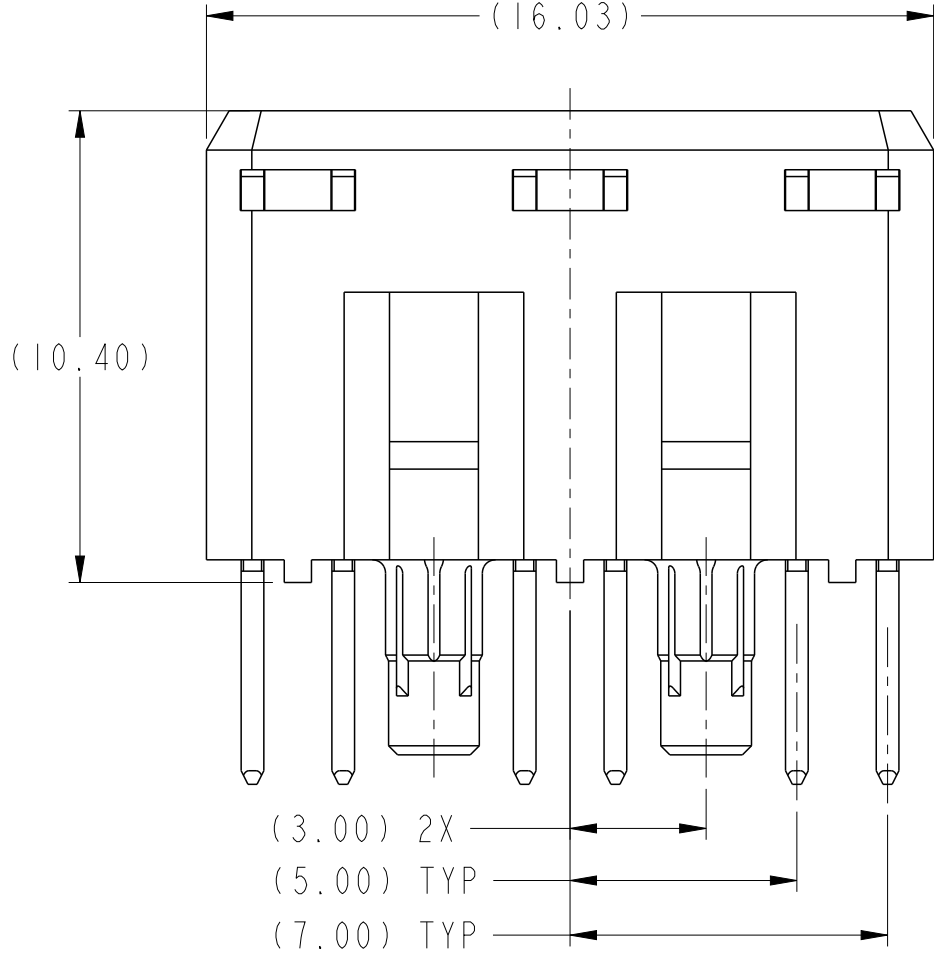
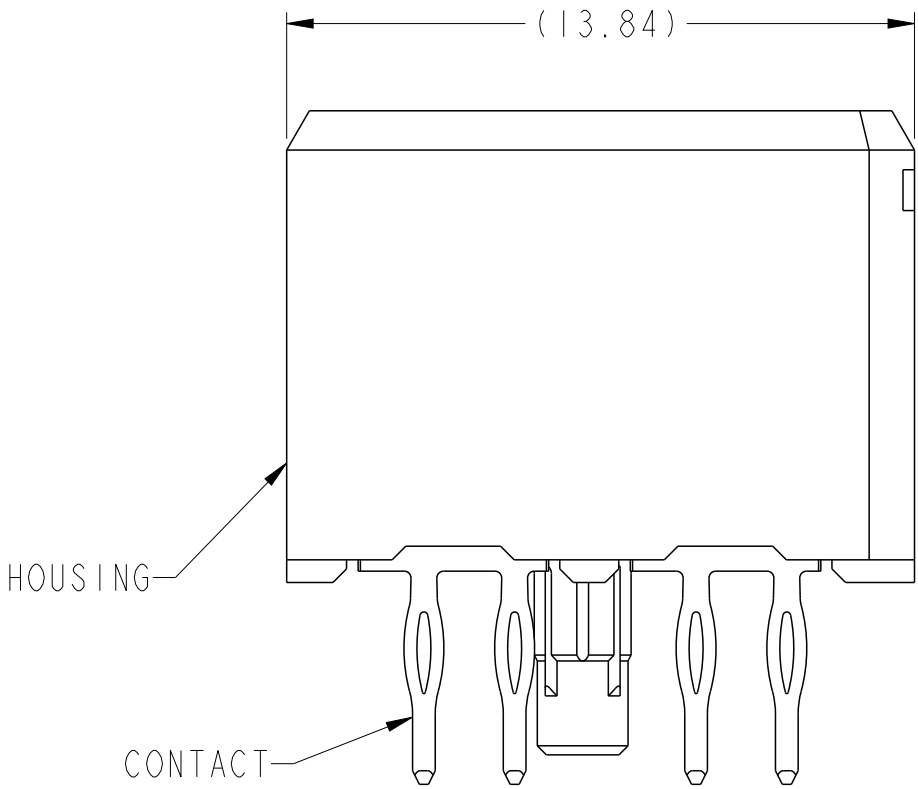
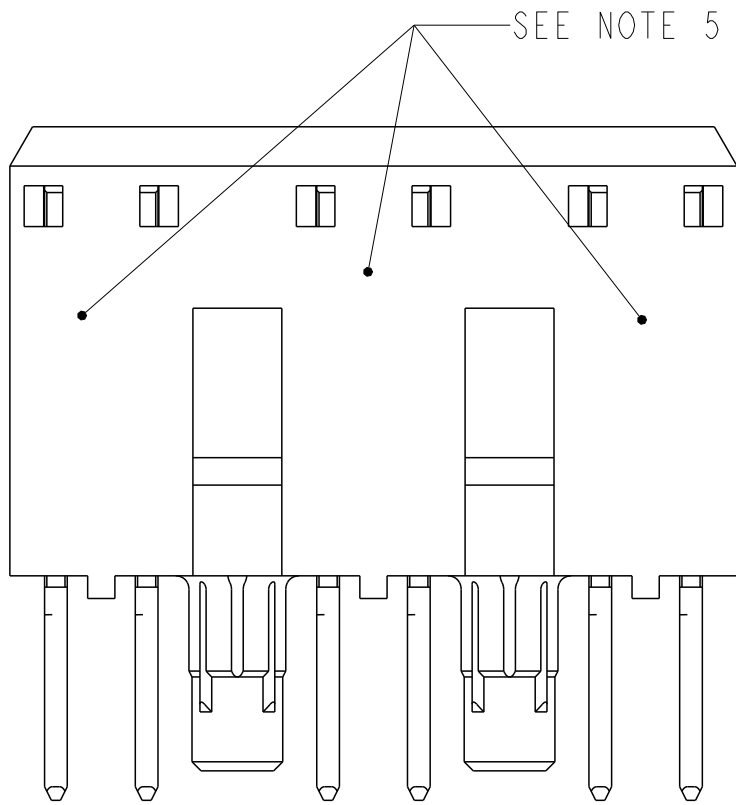


| PRODUCT NUMBER     | PLATING NOTE | MATING LENGTH, DIM "X" |        |        |        | POSN 5 | POSN 6 |
|--------------------|--------------|------------------------|--------|--------|--------|--------|--------|
|                    |              | POSN 1                 | POSN 2 | POSN 3 | POSN 4 |        |        |
| 10061290-555444PLF | NOTE 2       | 2.60                   | 2.60   | 2.60   | 1.10   | 1.10   | 1.10   |
| 10061290-545555PLF | NOTE 2       | 2.60                   | 1.10   | 2.60   | 2.60   | 2.60   | 2.60   |
| 10061290-554554PLF | NOTE 2       | 2.60                   | 2.60   | 1.10   | 2.60   | 2.60   | 1.10   |
| 10061290-555445PLF | NOTE 2       | 2.60                   | 2.60   | 2.60   | 1.10   | 1.10   | 2.60   |
| 10061290-554555PLF | NOTE 2       | 2.60                   | 2.60   | 1.10   | 2.60   | 2.60   | 2.60   |
| 10061290-444545PLF | NOTE 2       | 1.10                   | 1.10   | 1.10   | 2.60   | 1.10   | 2.60   |



SCALE 4:1



SECTION A-A

|               |                                        |                 |                                              |            |                |                        |              |                |           |          |
|---------------|----------------------------------------|-----------------|----------------------------------------------|------------|----------------|------------------------|--------------|----------------|-----------|----------|
| spec ref      | GS-12-220                              | dr              | Chen-Hong Tan                                | 2006/06/21 | projection     | MM                     | size         | A2             | scale     | 6:1      |
| tolerance std | ASME Y14.5                             | eng             | Terry Luo                                    | 2017/09/07 | chr            | -                      | ecn no       | ELX-DG-27905-1 | rel level | Released |
| surface       | -                                      | appr            | Heaven Cen                                   | 2017/09/11 | product family | 2mm High Power         | rel level    | Released       | rev       | J        |
| linear        | 0.X ±0.3<br>0.XX ±0.10<br>0.XXX ±0.050 | Amphenol<br>FCi | 2X3 VERTICAL RECEPTACLE ASSY<br>AIRMAX POWER | cat. no.   | -              | Product - Customer Drw | sheet 1 of 2 |                |           |          |
| angular       | 0° ±2°                                 |                 |                                              |            |                |                        |              |                |           |          |

B

C

D

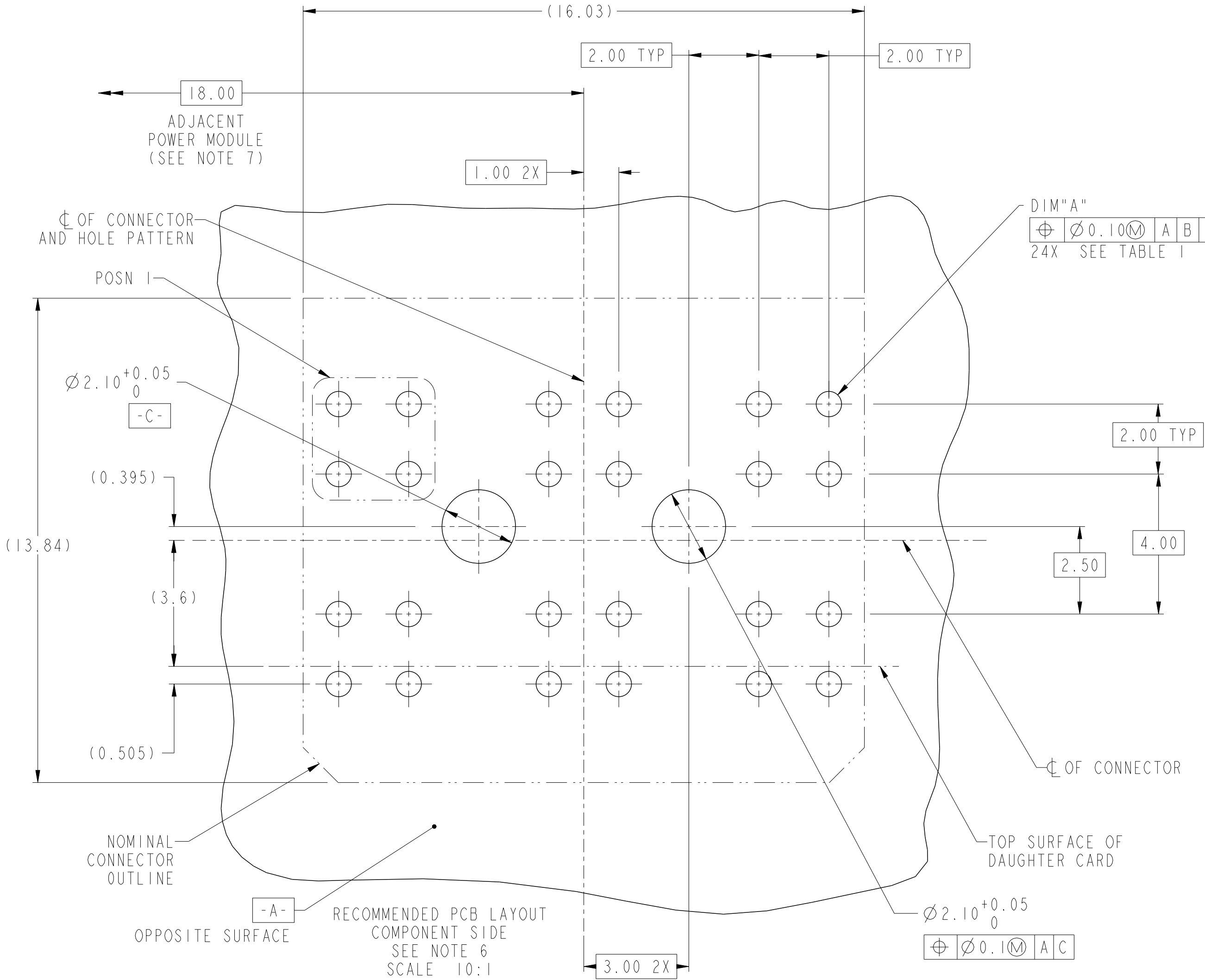
E

F

| TOP LAYER DESCRIPTION | TABLE I<br>PLATED THROUGH-HOLE REQUIREMENTS |                  |                    |                  |                    |               |                  |                                 |
|-----------------------|---------------------------------------------|------------------|--------------------|------------------|--------------------|---------------|------------------|---------------------------------|
|                       | DRILLED HOLE DIAMETER                       | COPPER THICKNESS | TIN-LEAD THICKNESS | NICKEL THICKNESS | GOLD THICKNESS     | TIN THICKNESS | SILVER THICKNESS | FINISHED HOLE DIAMETER (DIM"A") |
| 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                     |
| IMMERSION SILVER      | 0.81-0.86 (0.85 DRILL)                      | 0.025 - 0.050    | --                 | --               | --                 | --            | 0.15 - 0.65um    | 0.70 - 0.80                     |
| COPPER (SEE NOTE 11)  | 0.81-0.86 (0.85 DRILL)                      | 0.025 - 0.050    | --                 | --               | --                 | --            | --               | 0.70 - 0.80                     |
| GOLD                  | 0.81-0.86 (0.85 DRILL)                      | 0.025 - 0.050    | --                 | 0.003 - 0.007    | FLASH UP TO 0.0002 | --            | --               | 0.69 - 0.80                     |

NOTES:

1. CONNECTOR MATERIALS:  
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK  
UL 94V-0 COMPLIANT  
CONTACT: HIGH PERFORMANCE COPPER ALLOY
2. CONTACT PLATING:  
PRESS-FIT TAIL: 0.5 - 1.5um MATT TIN OVER NICKEL.  
SEPARABLE INTERFACE :0.76um MIN GXT OVER NICKEL.
3. PRODUCT SPECIFICATION: GS-12-220
4. APPLICATION SPECIFICATION: GS-20-023
5. PRODUCT MARKING (PRODUCT NUMBER & LOT CODE) ON HOUSING IN AREA SHOWN, EITHER SIDE.
6. MINIMUM NOMINAL BOARD THICKNESS: 2.4mm
7. REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO AIRMAX SIGNAL MODULES.
8. PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN FCI SPECIFICATION GS-22-008.
9. PACKAGING MEETS FCI SPECIFICATION GS-14-920
10. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR-PHASE REFLOW OVEN.
11. COPPER PLATING THICKNESS AT CENTER OF VIA HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.



|               |            |     |               |            |            |                        |              |                |           |                        |
|---------------|------------|-----|---------------|------------|------------|------------------------|--------------|----------------|-----------|------------------------|
| spec ref      | GS-12-220  | dr  | Chen-Hong Tan | 2006/06/21 | projection | MM                     | size         | A2             | scale     | 10:1                   |
| tolerance std | ASME Y14.5 | eng | Terry Luo     | 2017/09/07 | chr        | -                      | ecn no       | ELX-DG-27905-1 | rel level | Released               |
| surface       | linear     | 0.X | ±0.3          | 0.XX       | ±0.10      | 0.XXX                  | ±0.050       | cat. no.       | -         | Product - Customer Drw |
| ASME Y14.5    | angular    | 0°  | ±2°           | cat. no.   | -          | Product - Customer Drw | sheet 2 of 2 | rev            | J         |                        |