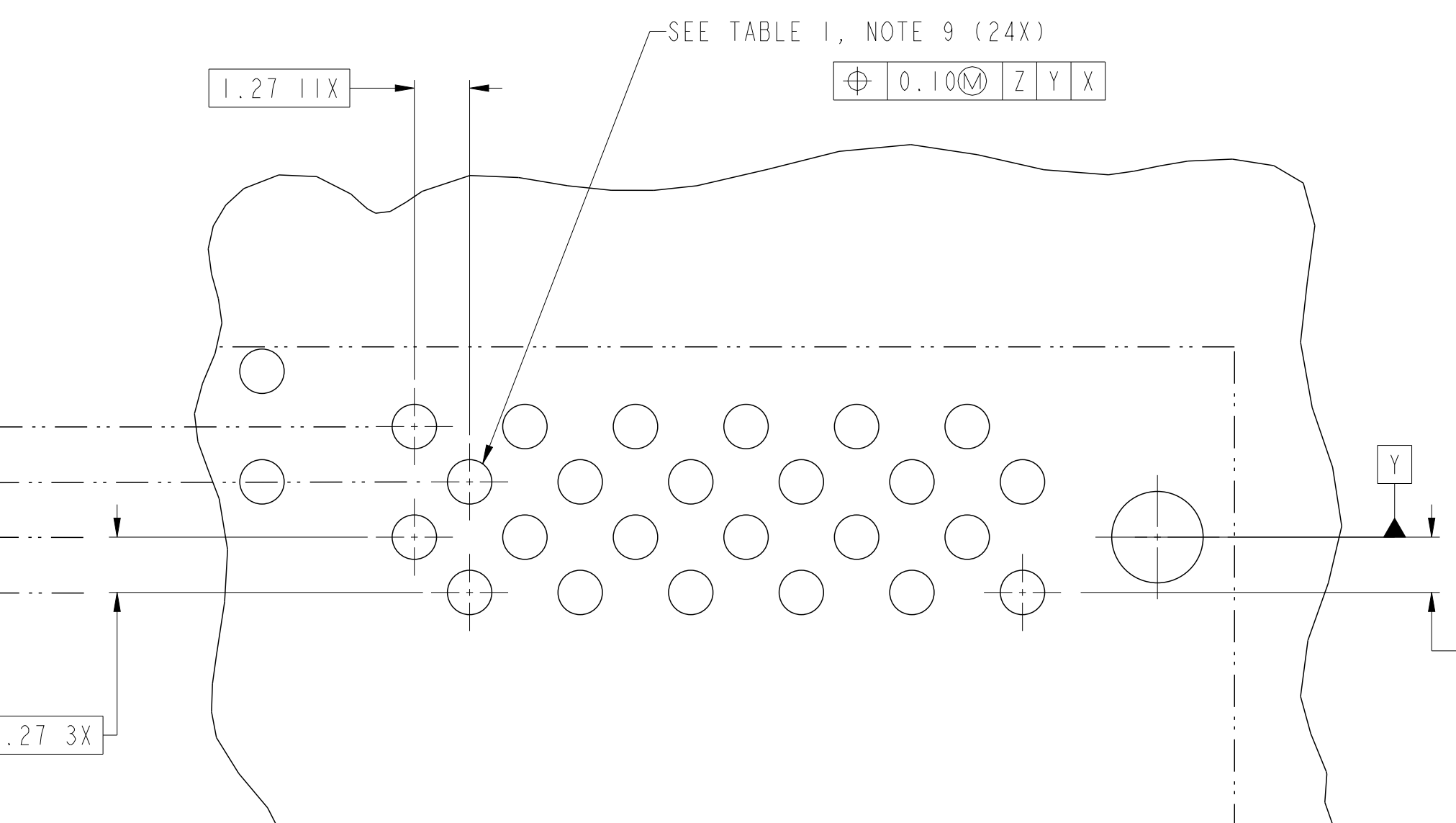
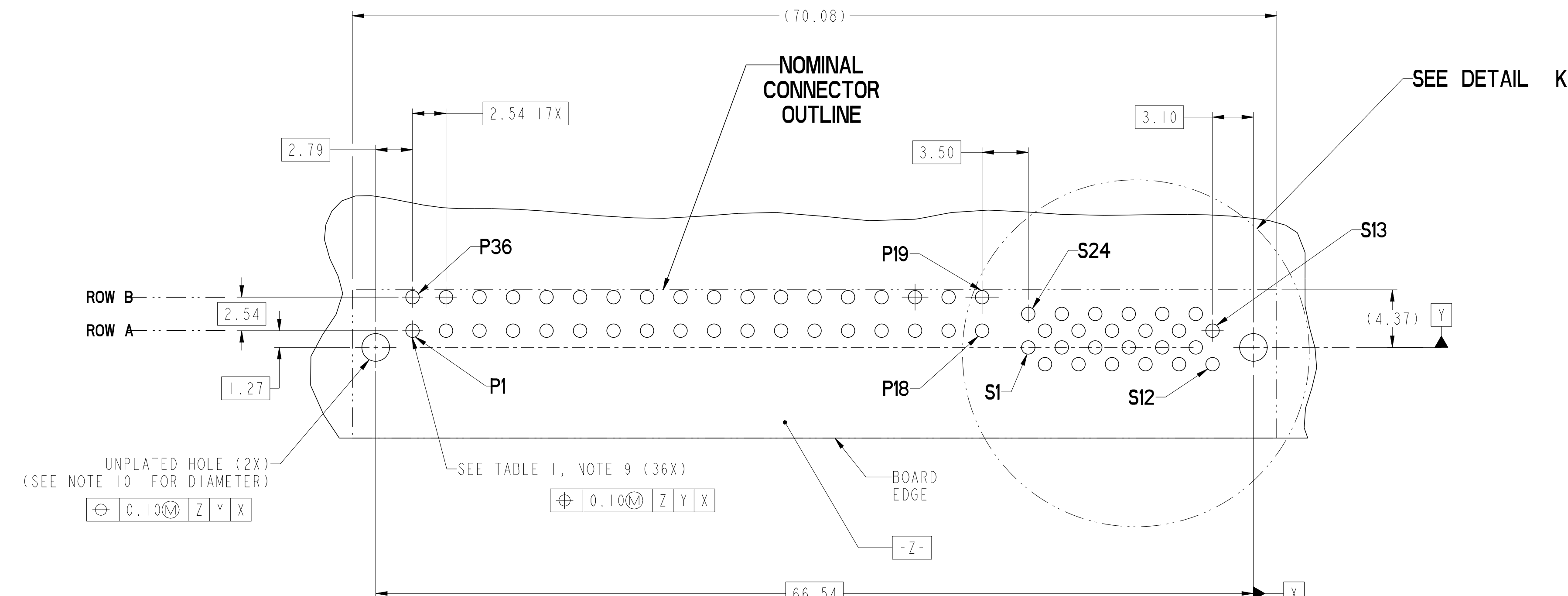
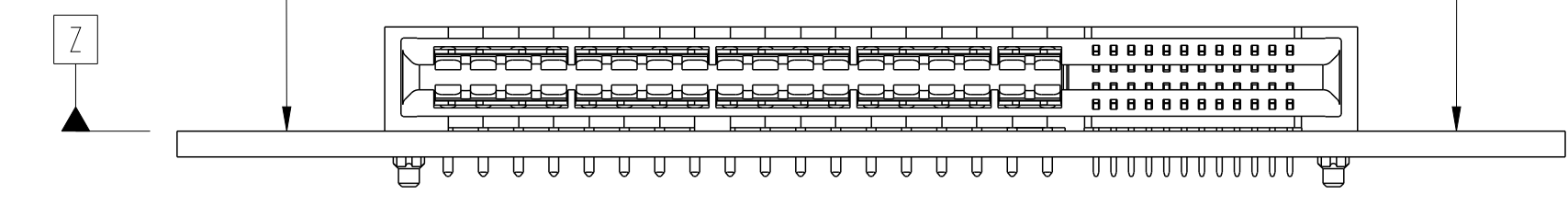


| | | | | | | | | | | |
|---------------------------------------|------------|-----|--------------|----------------|--|--------------------|----------|------------------------|-----------|-----------------------|
| spec ref | - | dr | Chris Gieski | 2010/08/27 | projection | MM | size | A2 | scale | 4:1 |
| tolerance std | ASME Y14.5 | eng | De-Ming Lu | 2014/06/05 | | | ecn no | ELX-DG-17838-1 | rel level | Released |
| TOLERANCES UNLESS OTHERWISE SPECIFIED | | chr | - | product family | | | HPCE | | | |
| surface | linear | 0.X | ±0.3 | | R/A RECT (36P-24S) HIGH POWER CARD EDGE | dwg no 10115859 | rev D | Product - Customer Drw | | |
| ASME Y14.5 | angular | 0° | ±° | | | | | cat. no. | - | sheet 1 of 4 |
| www.fci.com | | | PDS: Rev :D | | | | | STATUS:Released | | Printed: Jun 06, 2014 |

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**RECOMMENDED PCB LAYOUT
VIEWED FROM CONNECTOR SIDE**



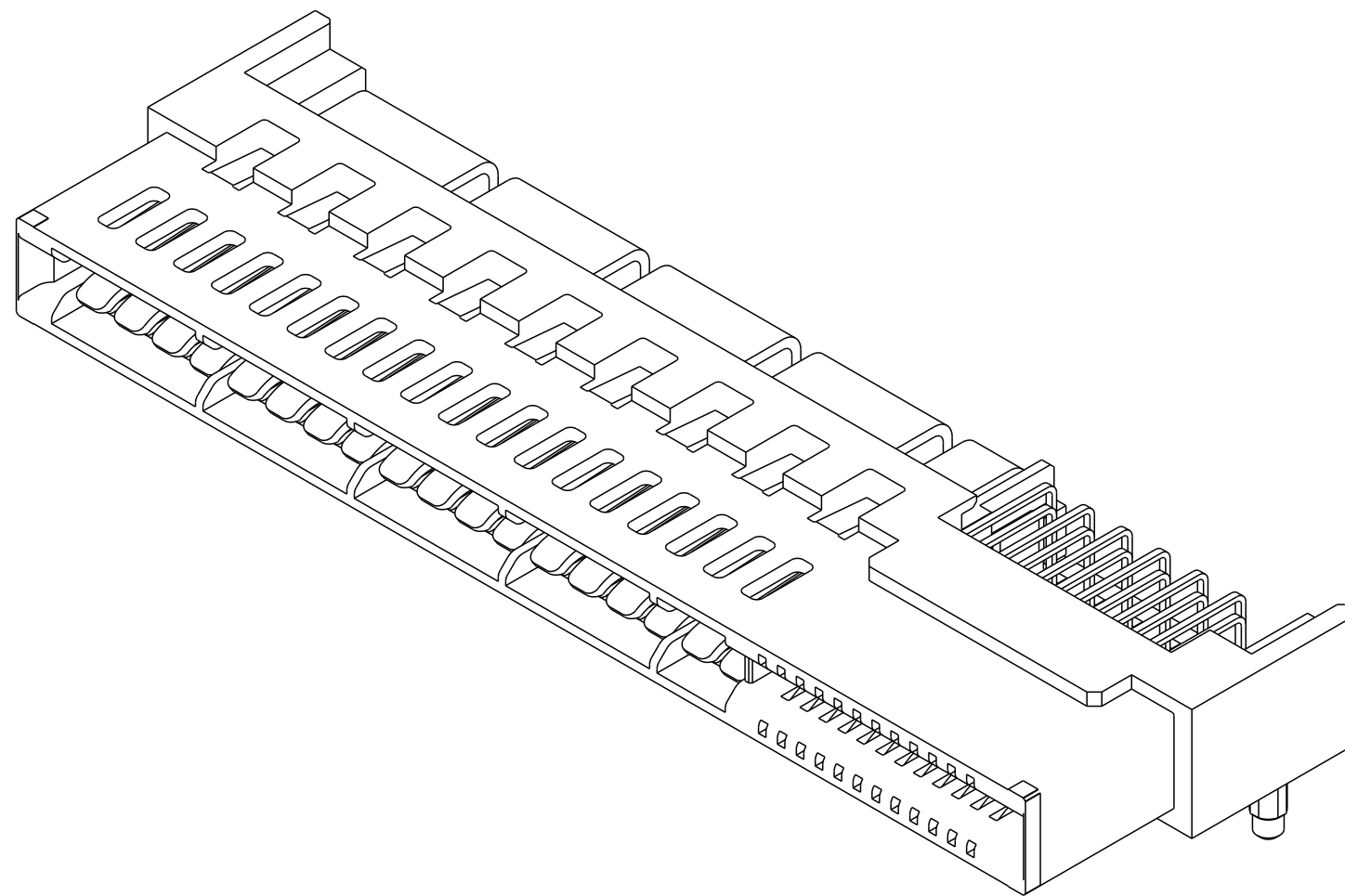
**DETAIL K
SCALE 8:1**

| | | | | | | | | | | |
|---------------------------------------|------------|--------|--------------|------------|------------|--|----------------|------------------------|----------------|------|
| spec ref | - | dr | Chris Gieski | 2010/08/27 | projection | MM | size | A2 | scale | 4:1 |
| tolerance std | ASME Y14.5 | eng | De-Ming Lu | 2014/06/05 | | | ecn no | ELX-DG-17838-1 | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED | | chr | - | appr | | | Pei-Ming Zheng | 2014/06/05 | product family | HPCE |
| surface | ✓ | linear | 0.X | ±0.3 | | FCI R/A RECT (36P-24S) HIGH POWER CARD EDGE | dwg no | 10115859 | | |
| | | 0.XX | ±0.10 | cat. no. | | | - | Product - Customer Drw | sheet 2 of 4 | |
| | | 0.XXX | ±0.050 | | | | | | | |
| ASME Y14.5 | angular | 0° | ±° | | | | | | | |

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HPCE PART NUMBER (TABLE 2)

| PART NUMBER | TAIL TYPE | HOLD-DOWN OPTION | ORIENTATION KEY | DIM "A" TYPICAL TAIL LENGTH | | |
|----------------------------|-------------|------------------|-----------------|-----------------------------|-----------|-----------|
| 10115859-001LF | SOLDER TAIL | NO | YES | 3.25±0.25 | | |
| 10115859-002LF | | | NO | | | |
| 10115859-003LF | | YES | YES | | | |
| 10115859-004LF | | | NO | | | |
| 10115859-005LF | | NO | YES | | 4.05±0.25 | |
| 10115859-006LF | | | NO | | | |
| 10115859-007LF | | YES | YES | | | |
| 10115859-008LF | | | NO | | | |
| 10115859-009LF | | NO | YES | 4.85±0.25 | | |
| 10115859-010LF | | | NO | | | |
| 10115859-011LF | | YES | YES | | | |
| 10115859-012LF | | | NO | | | |
| 10115859-013LF \triangle | | NO | YES | | YES | 2.60±0.25 |
| 10115859-014LF \triangle | | | | | NO | |
| 10115859-015LF \triangle | | | YES | YES | | |
| 10115859-016LF \triangle | | | | NO | | |



NOTES:

- CONNECTOR MATERIALS:
 HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
 UL 94V-0 COMPLIANT
 CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
- CONTACT FINISH REF. GS-12-604 SECTION 5.2.
- PRODUCT SPECIFICATION: GS-12-604.
- APPLICATION SPECIFICATION: GS-20-128.
- PRODUCT MARKING (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
- PACKAGING MEETS FCI SPECIFICATION GS-14-937.
- 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.
- MOUNTING HOLES ARE UNPLATED
 \varnothing 2.10 +/- 0.1 FOR SOLDER TAILS
- \triangle A \triangle SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



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| | | | | | | | | | | | |
|---------------------------------------|------------|-------------|----------------|------------|------------------------|------|--------------|----------------|-------|-----|---|
| spec ref | - | dr | Chris Gieski | 2010/08/27 | projection | MM | size | A2 | scale | 4:1 | |
| tolerance std | ASME Y14.5 | eng | De-Ming Lu | 2014/06/05 | | | ecn no | ELX-DG-17838-1 | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED | | chr | - | rel level | | | | Released | | | |
| surface | linear | appr | Pei-Ming Zheng | 2014/06/05 | product family | HPCE | dwg no | 10115859 | | rev | D |
| ASME Y14.5 | angular | www.fci.com | | cat. no. | Product - Customer Drw | | sheet 4 of 4 | | | | |