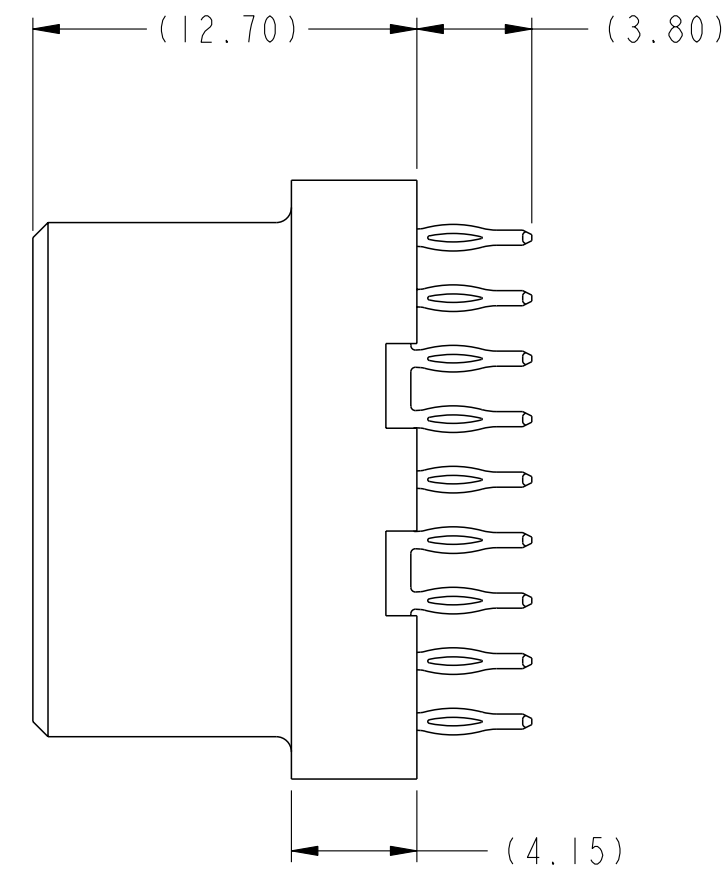
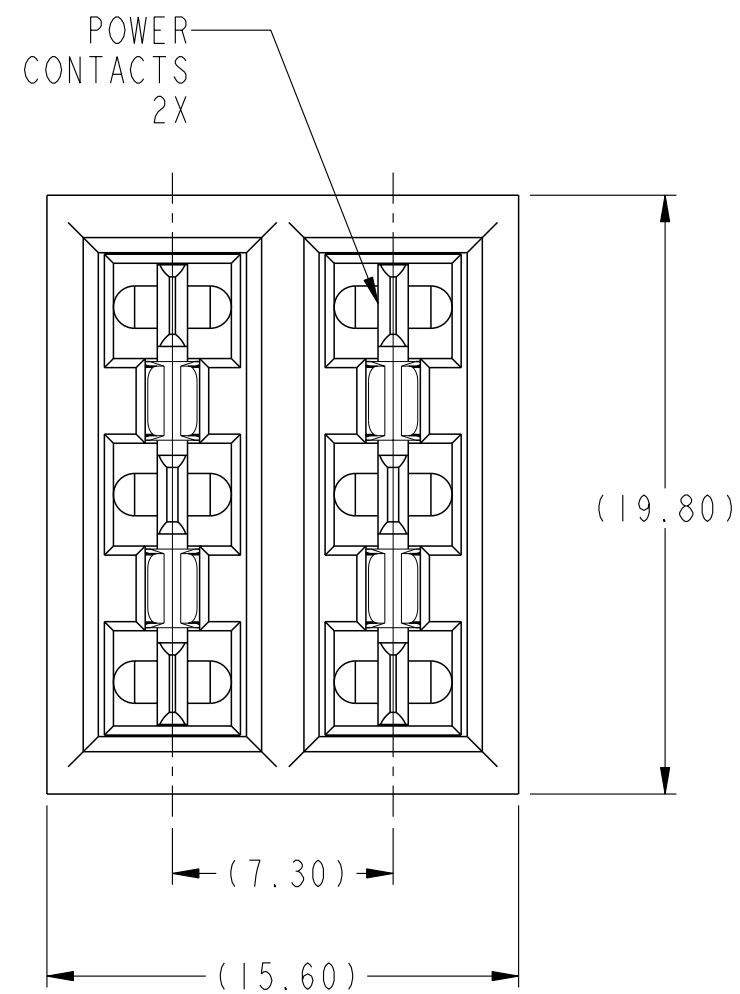
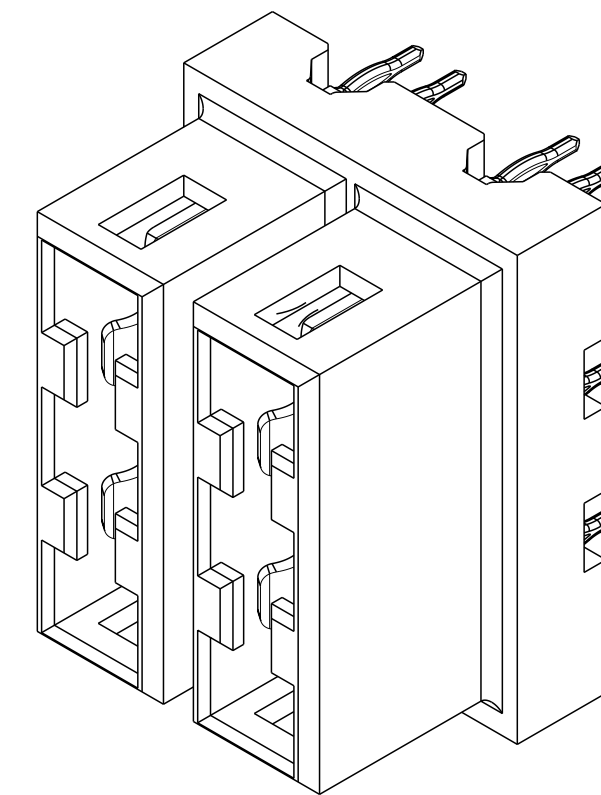
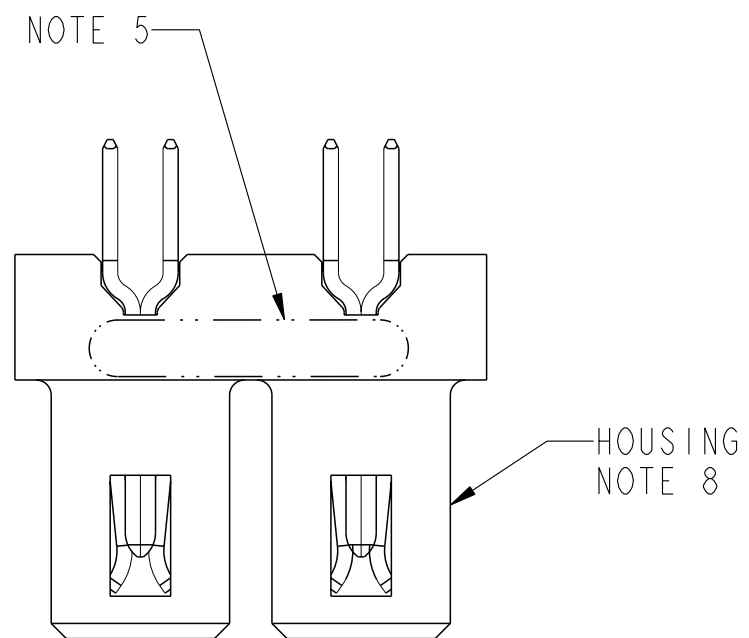


| | | |
|----------------|--------------|-----------|
| PART NUMBER | TAIL PLATING | TAIL TYPE |
| 10078768-001LF | Sn | PRESS-FIT |



| rev | ecn no | dr | date |
|-----|----------|----|------------|
| A | V09-0207 | TH | 2009-04-29 |
| B | V09-0213 | TH | 2009-05-04 |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |

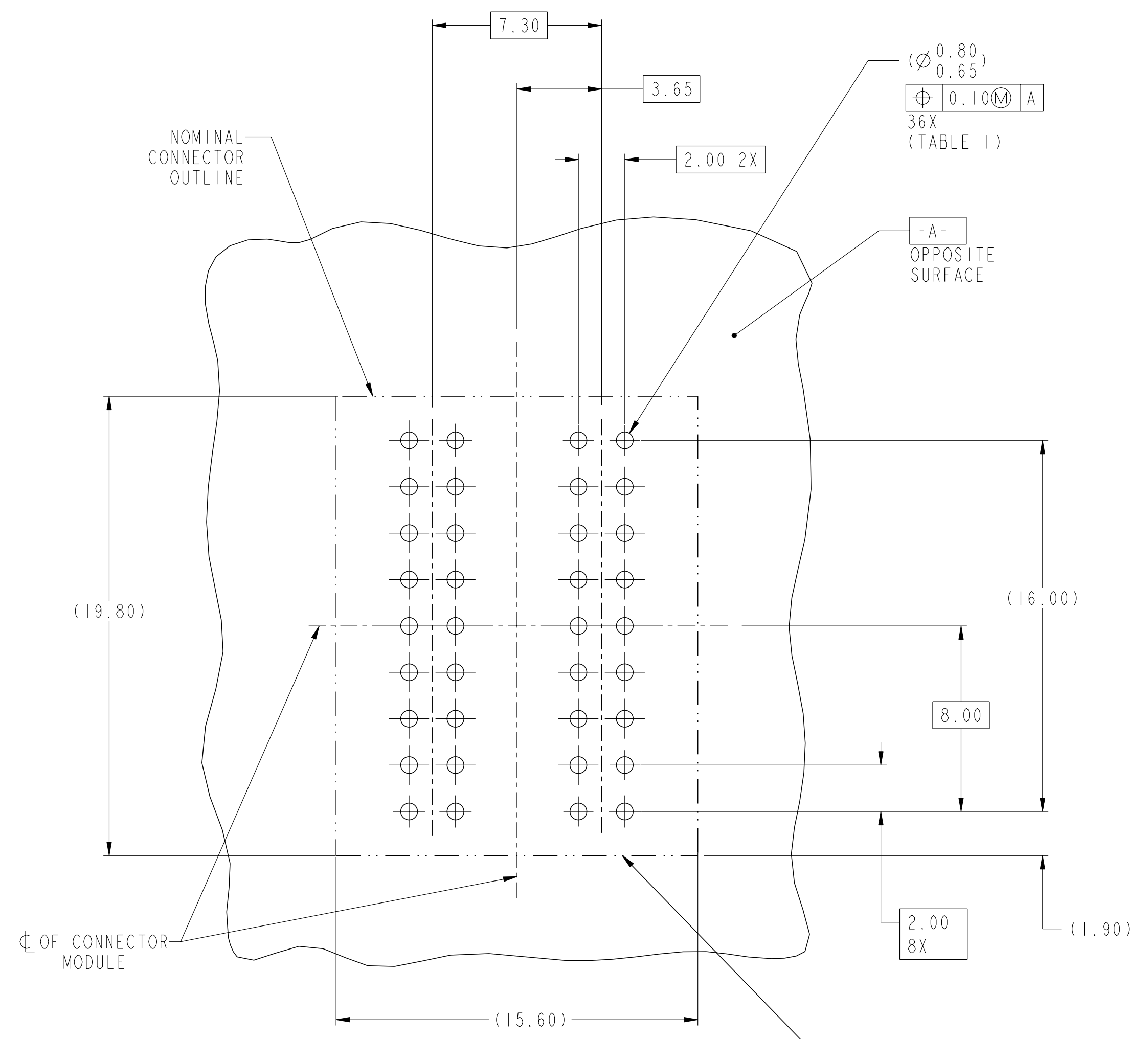
| | | | | | |
|--------------------|-------------|---------------------------------------|--|-------------|--------------|
| www.fciconnect.com | | surface ASME Y14.5 | tolerance std ASME Y14.5 | projection | MM |
| | | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | |
| Dr | W. J. SWAIN | 2007-05-31 | ANGULAR | 0.X ±.3 | size A2 |
| Eng | W. J. SWAIN | 2007-05-31 | LINEAR | 0.XX ±.10 | Scale 4:1 |
| Chr | W. J. SWAIN | 2007-05-31 | 0° ±2° | 0.XXX ±.050 | ECN - |
| Appr | - | - | Product family | HCI | Spec ref - |
| FCJ | | | TITLE ASSEMBLY, RECEPT, VERT, 2 POSN ISOLATED POWER CONTACT | | Rev. B |
| catalog no | | | 10078768 | | sheet 1 of 2 |

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| TOP LAYER DESCRIPTION | TABLE 1 (HCI POWER) PLATED THROUGH-HOLE REQUIREMENTS | | | | | | | |
|-----------------------|---|------------------|--------------------|------------------|--------------------|---------------|------------------|------------------------|
| | DRILLED HOLE DIAMETER | COPPER THICKNESS | TIN-LEAD THICKNESS | NICKEL THICKNESS | GOLD THICKNESS | TIN THICKNESS | SILVER THICKNESS | FINISHED HOLE DIAMETER |
| 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 9) | 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:

- CONNECTOR MATERIALS:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK
UL 94V-0 COMPLIANT
CONTACTS: HIGH PERFORMANCE COPPER ALLOY
- CONTACT FINISH (Ref. GS-12-380 SECTION 5.2).
- PRODUCT SPECIFICATION: GS-12-380.
- APPLICATION SPECIFICATION: GS-20-070.
- PRODUCT MARKING (PRODUCT NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
- MINIMUM NOMINAL PCB THICKNESS: 1.6mm
- PACKAGING MEETS FCI SPECIFICATION GS-14-1194.
- 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 UNLESS OTHERWISE NOTED.



RECOMMENDED PCB LAYOUT
COMPONENT SIDE
NOTE 6

TOP SURFACE
OF DAUGHTER CARD

CL OF CONNECTOR
MODULE

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FCI

| | | | | |
|-----|------------|--|--------------------|-----------|
| FCI | TITLE | ASSEMBLY, RECEPT, VERT, 2 POSN ISOLATED POWER CONTACT | dwg no 10078768 | Rev. B |
| | CATALOG NO | CUSTOMER | | |