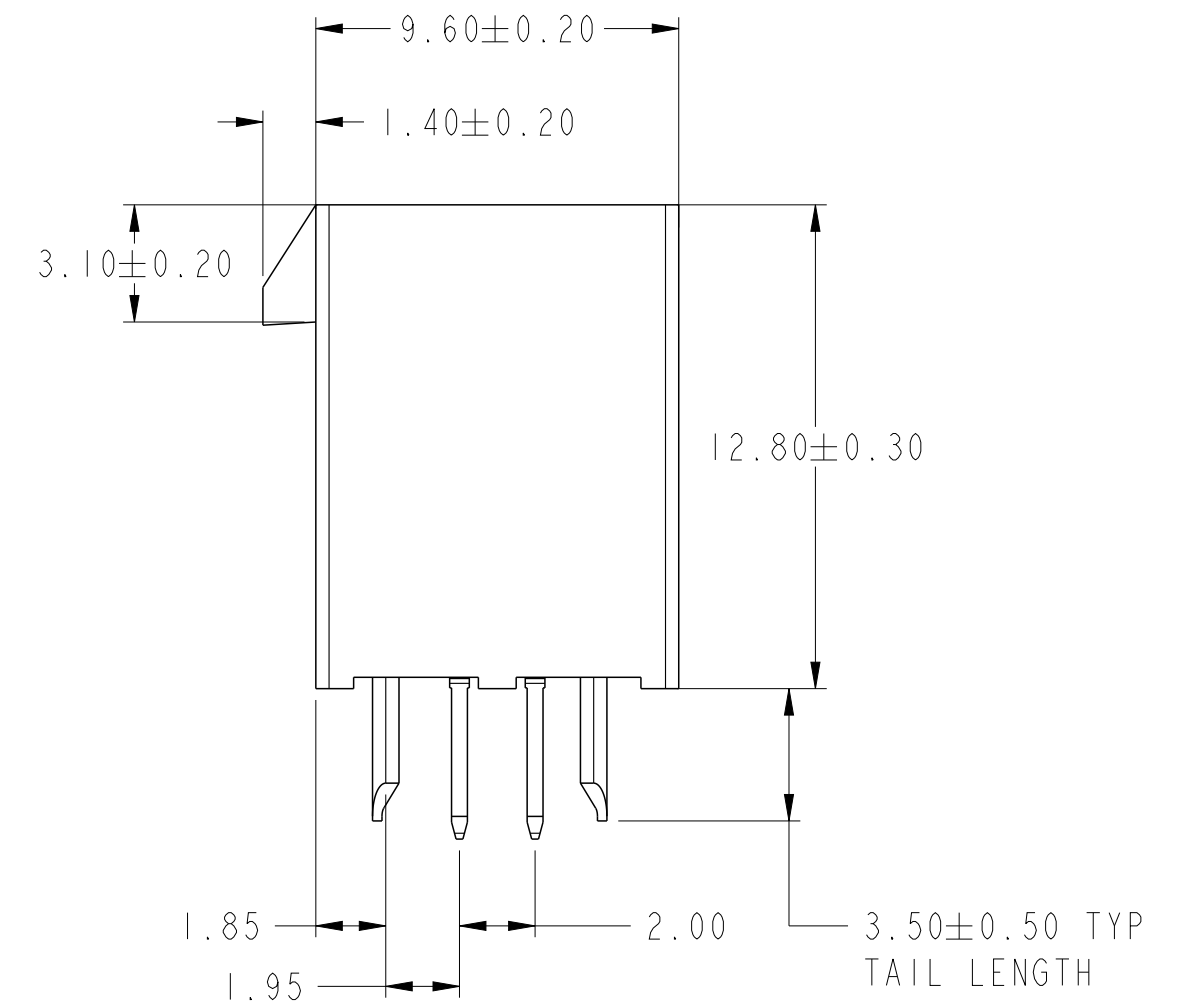
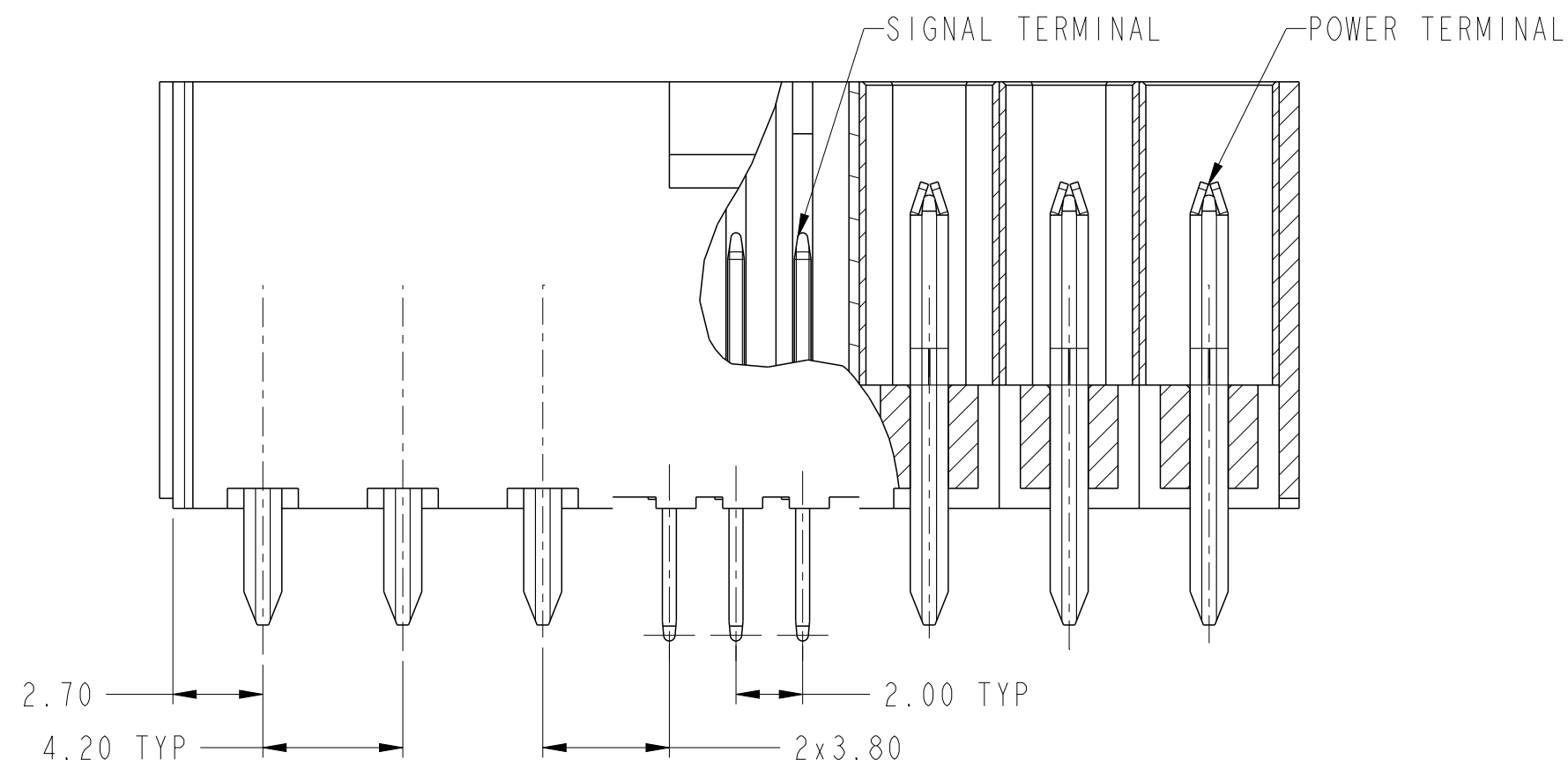
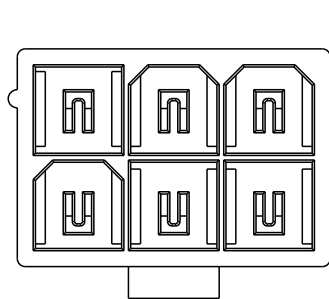


SCALE 3:1  
3D VIEW

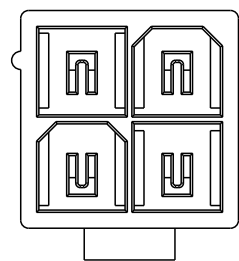


**PRELIMINARY**

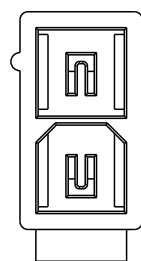
|               |         |        |               |                |          |                        |                            |           |             |
|---------------|---------|--------|---------------|----------------|----------|------------------------|----------------------------|-----------|-------------|
| spec ref      | dr      | Jes Wu | 2015/01/16    | projection     | MM       | size                   | A2                         | scale     | 5:1         |
| tolerance std | eng     | Jes Wu | 2015/03/25    | chr            | -        | ecn no                 | -                          | rel level | Preliminary |
| ISO 406       | app     | -      | -             | product family | -        | cat. no.               | MINITEK POWER HYBRID 4.2MM | dwg no    | 10129817    |
| ISO 1101      |         |        |               |                |          |                        | HEADER ASSEMBLY            | rev       | 1           |
| surface       | linear  | 0.X    | $\pm 0.50$    | www.fci.com    | cat. no. | Product - Customer Drw | sheet 1 of 3               |           |             |
| ISO 1302      | angular | 0°     | $\pm 3^\circ$ |                |          |                        |                            |           |             |



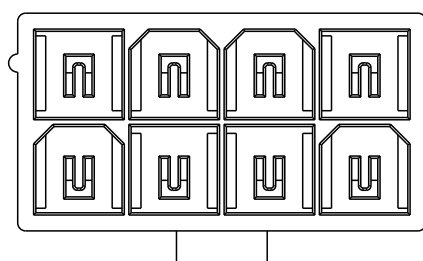
2POS4P(6P)



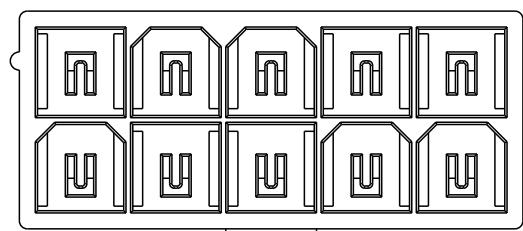
2POS2P(4P)



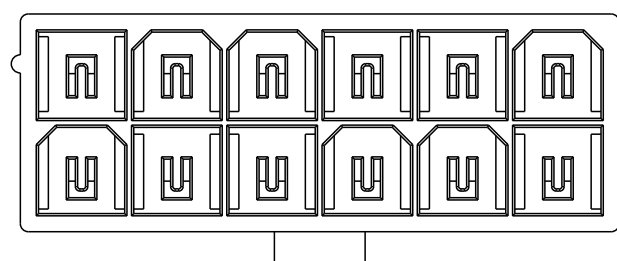
2POS0P(2P)



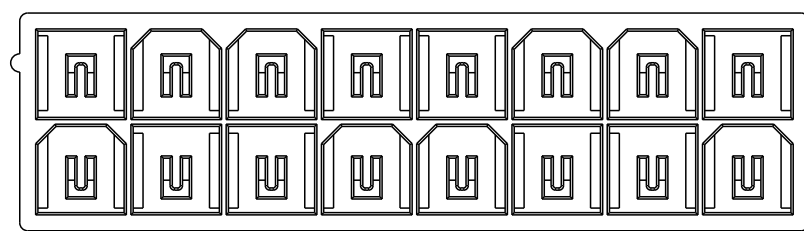
4POS4P(8P)



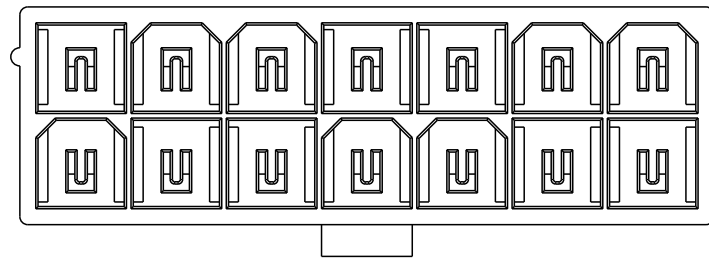
4POS6P(10P)



6POS6P(12P)

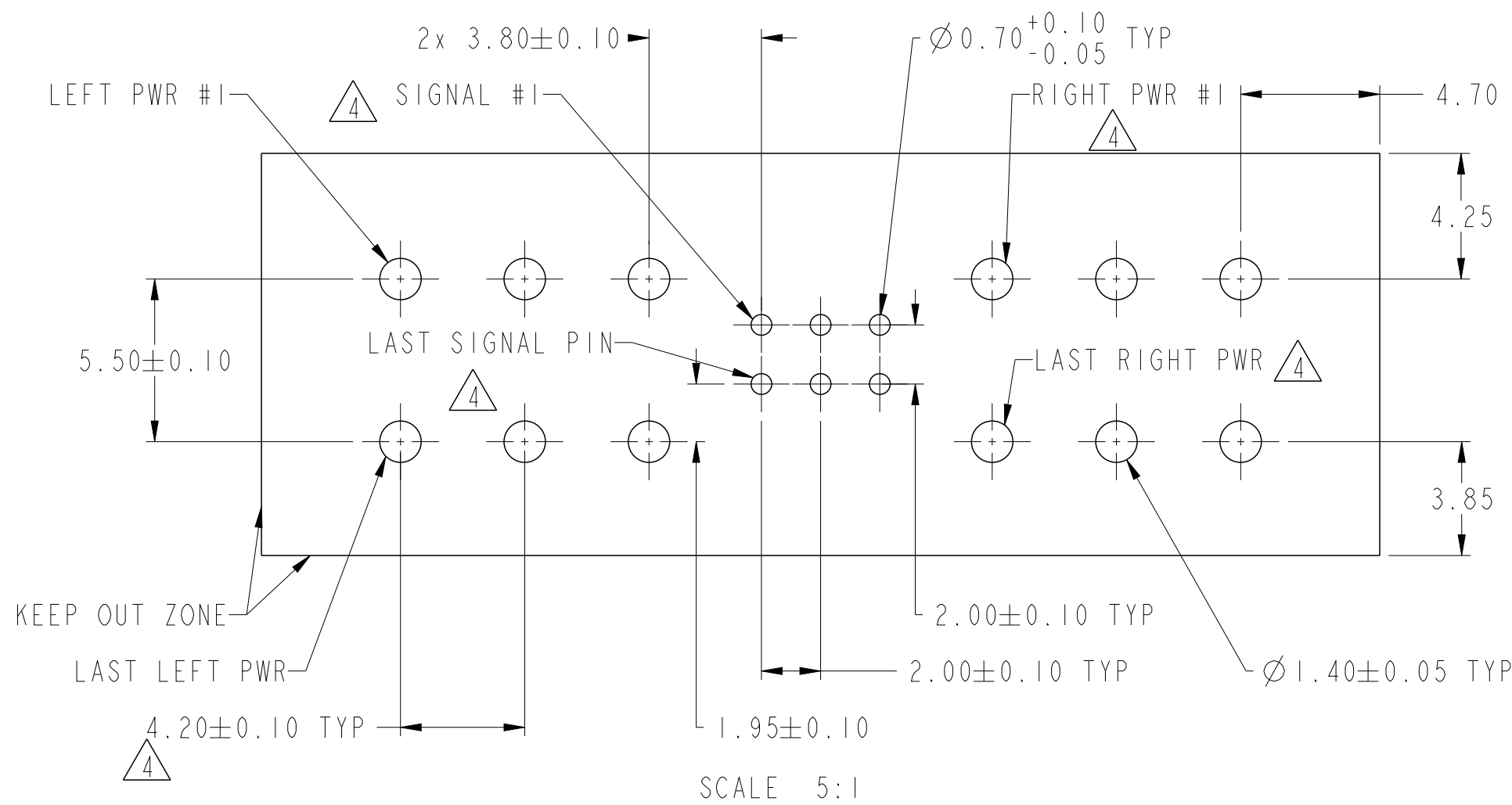


8POS8P(16P)



6POS8P(14P)

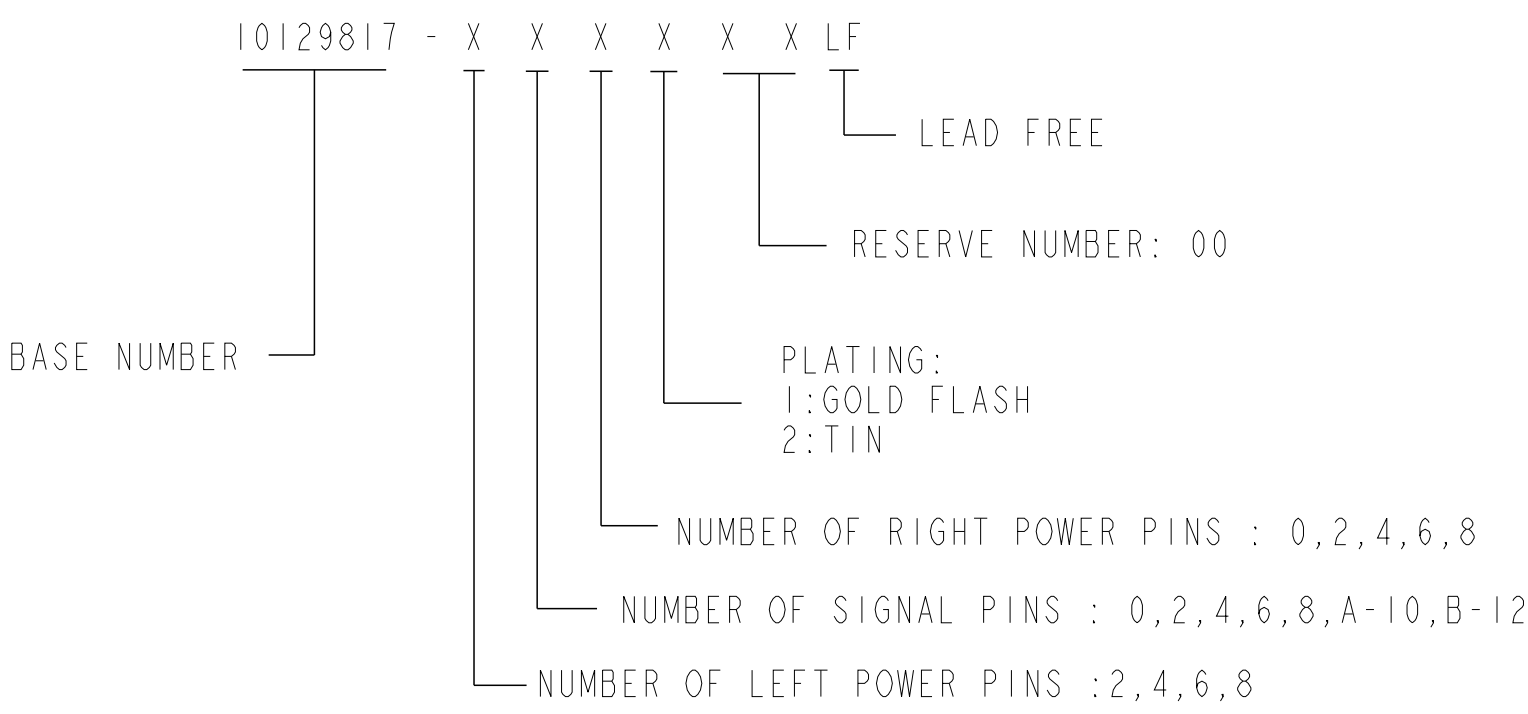
POWER PIN LAYOUT ( WITH OR WITHOUT SIGNAL PINS)



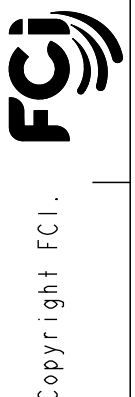
RECOMMENDED HOLE LAYOUT FOR 1.78MAX. THICKNESS PCB  
(VIEW FROM COMPONENT SIDE)

| TOTAL NUMBER OF<br>POWER CONTACTS<br>AND NUMBER OF<br>SIGNAL CONTACTS | Dim"A" |
|---|--------|
| 2P2S2P  | 13.0   |
| 2P4S2P  | 15.0   |
| 2P6S2P  | 17.0   |
| 2P8S2P  | 19.0   |
| 2P10S2P   | 21.0   |
| 2P12S2P   | 23.0   |
| 4P2S4P  | 21.4   |
| 4P4S4P  | 23.4   |
| 4P6S4P  | 25.4   |
| 4P8S4P  | 27.4   |
| 4P10S4P   | 29.4   |
| 4P12S4P   | 31.4   |
| 6P2S6P  | 29.8   |
| 6P4S6P  | 31.8   |
| 6P6S6P  | 33.8   |
| 6P8S6P  | 35.8   |
| 6P10S6P   | 37.8   |
| 6P12S6P   | 39.8   |
| 8P2S8P  | 38.2   |
| 8P4S8P  | 40.2   |
| 8P6S8P  | 42.2   |
| 8P8S8P  | 44.2   |
| 8P10S8P   | 46.2   |
| 8P12S8P   | 48.2   |
| 2POS0P(2P)  | 5.0    |
| 2POS2P(4P)  | 9.6    |
| 2POS4P(6P)  | 13.8   |
| 4POS4P(8P)  | 18.0   |
| 4POS6P(10P)   | 22.2   |
| 6POS6P(12P)   | 26.4   |
| 6POS8P(14P)   | 30.6   |
| 8POS8P(16P)   | 34.8   |

|               |         |        |            |                |          |                           |                        |              |     |
|---------------|---------|--------|------------|----------------|----------|---------------------------|------------------------|--------------|-----|
| spec ref      | dr      | Jes Wu | 2015/01/16 | projection     | MM       | size                      | A2                     | scale        | 5:1 |
| tolerance std | eng     | Jes Wu | 2015/03/25 |                |          | ecn no                    | -                      |              |     |
| ISO 406       | chr     | -      | -          |                |          | rel level                 | Preliminary            |              |     |
| ISO 1101      | appr    | -      | -          | product family | -        |                           |                        |              |     |
| surface       | linear  | 0.X    | ±0.50      | FCI            | title    | MINITEK POWER HYBRID4.2MM | dwg no                 | 10129817     | rev |
| ISO 1302      | angular | 0°     | ±3°        | www.fci.com    | cat. no. | -                         | Product - Customer Drw | sheet 2 of 3 | 1   |



- 5 NOTES:
- 1. MATERIALS:  
HOUSING: HIGH PERFORMANCE RESIN, UL94V-0, COLOR:NATURE  
PWR CONTACT:COPPER ALLOY.  
SIGNAL CONTACT:COPPER ALLOY.
  - 2. PLATING:  
PWR CONTACT: 1-GOLD FLASH, 2-TIN.  
SIGNAL CONTACT: GOLD FLASH OVER PALLADIUM-NICKEL PLATING.
  - 3. PRODUCT SPECIFICATION: GS-12-1288.
  - 4. APPLICATION SPECIFICATION: GS-20-0438.
  - 5. PACKAGING SPECIFICATION: GS-14-2450.



|               |  |          |         |       |        |             |   |                |                        |       |              |             |
|---------------|--|----------|---------|-------|--------|-------------|---|----------------|------------------------|-------|--------------|-------------|
| spec ref      |  |          | dr      |       | Jes Wu | 2015/01/16  | <div>projection</div> <div></div> <div>MM</div> | size           | A2                     | scale | 5:1          |             |
| tolerance std |  |          | eng     |       | Jes Wu | 2015/03/25  |   | ecn no         |                        |       |              | -           |
| ISO 406       |  |          | chr     |       | -      | -           |   | rel level      |                        |       |              | Preliminary |
| ISO 1101      |  |          | appr    |       | -      | -           |   | product family |                        |       |              | -           |
| surface       |  | linear   | 0.X     | ±0.50 |        | title       | MINITEK POWER HYBRID4.2MM                       | dwg no         | 10129817               |       | rev          | 1           |
|               |  |          | 0.XX    | ±0.25 |        |             |   |                |                        |       |              |             |
|               |  |          | 0.XXX   | ±0.10 |        |             |   |                |                        |       |              |             |
|               |  | ISO 1302 | angular | 0°    | ±3°    | www.fci.com | cat. no.  | -              | Product - Customer Drw |       | sheet 3 of 3 |             |

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