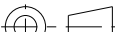





PRELIMINARY

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|---------|--|--------|------------|-------|---|---|---|----------|-----------|--|-------------|------------------------|-------|--|-----|--------|--|--------------|--|--|--|--|--|-----|--|---|--|
| spec ref | | | | dr | | Jes Wu | 2015/01/16 | | projection | | MM | | size | | A3 | | scale | | 4:1 | | | | | | | | | | | | |
| tolerance std | | | | eng | | Jes Wu | 2015/03/25 | |  | |  | | ecn no | | - | | | | | | | | | | | | | | | | |
| ISO 406 | | | | chr | | - | - | | product family | | - | | rel level | | Preliminary | | | | | | | | | | | | | | | | |
| ISO 1101 | | | | appr | | - | - | | | | | | | | | | | | | | | | | | | | | | | | |
| surface  ISO 1302 | | | | linear | | 0.X | | ±0.50 | |  | | title | | Minitex Pwr Hybrid 3.0mm HEADER ASSMY | | | | | | dwg no | | 10129811 | | | | | | rev | | 1 | |
| | | | | | | 0.XX | | ±0.25 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 0.XXX | | ±0.10 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | angular | | 0° | | ±3° | | www.fci.com | | cat. no. | | - | | Product - Customer Drw | | | | | | sheet 1 of 3 | | | | | | | | | |



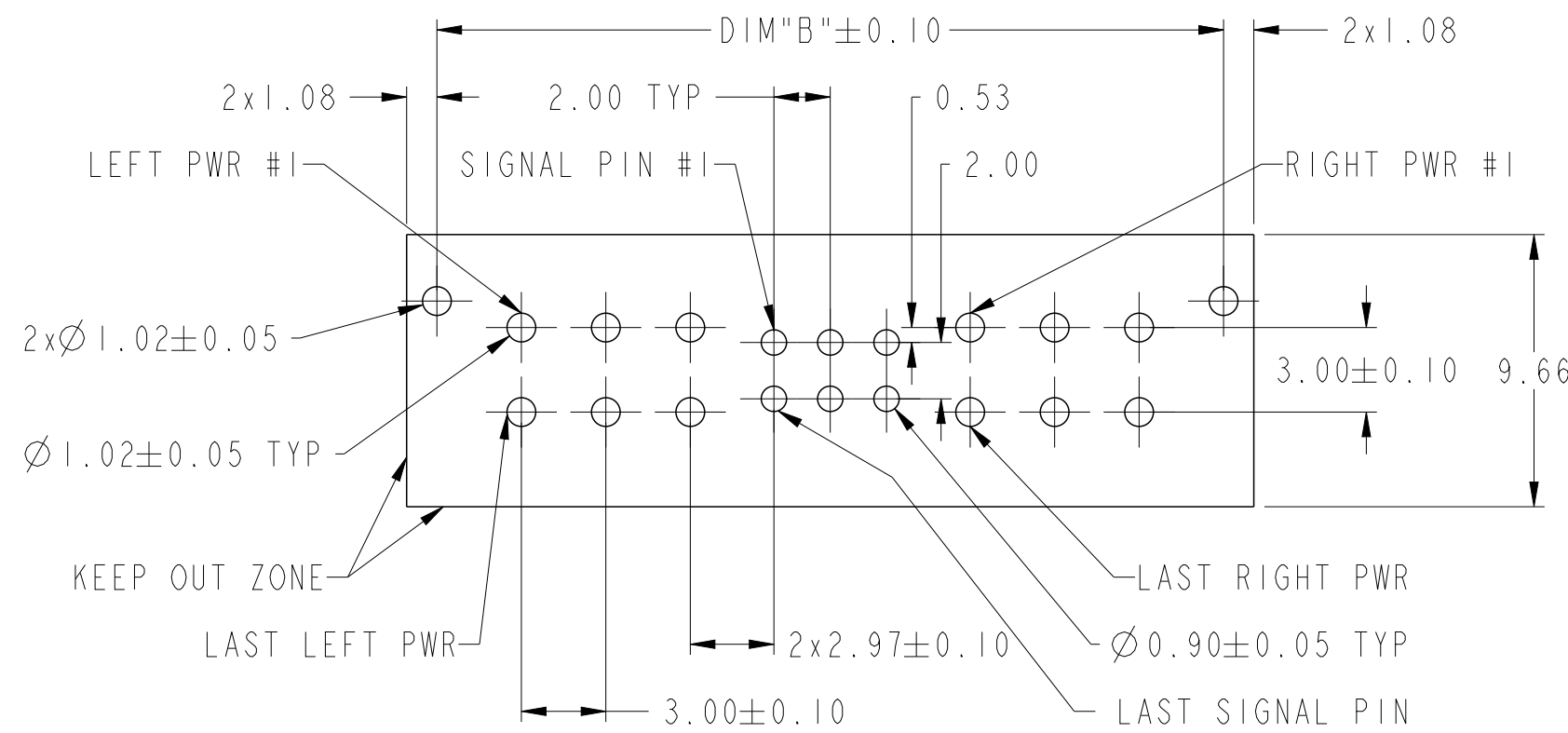
Copyright FCI.

A

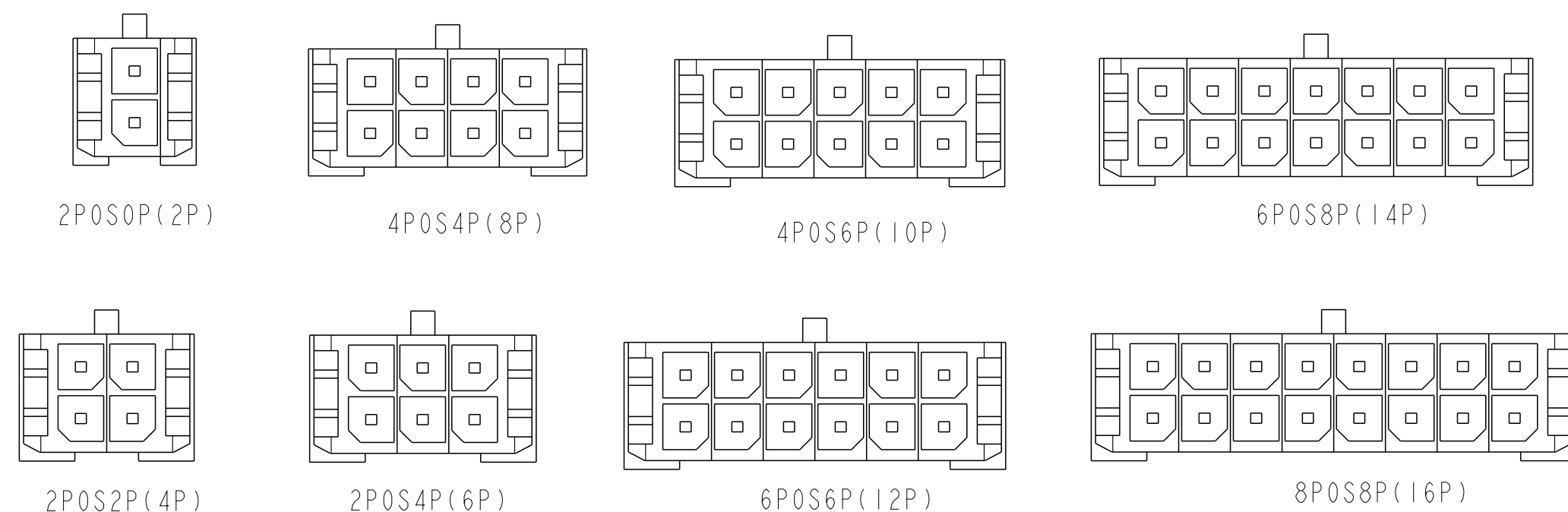
B

C

D

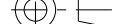




RECOMMENDED HOLE LAYOUT FOR 1.78MAX. THICKNESS PCB
(VIEW FROM COMPONENT SIDE)



POWER PIN LAYOUT (WITH OR WITHOUT SIGNAL PINS)

| CONFIGURATION | Dim"A" | DIM"B" |
|---------------|--------|--------|
| 2P2S2P | 12.59 | 11.94 |
| 2P4S2P | 14.59 | 13.94 |
| 2P6S2P | 16.59 | 15.94 |
| 2P8S2P | 18.59 | 17.94 |
| 2P10S2P | 20.59 | 19.94 |
| 2P12S2P | 22.59 | 21.94 |
| 4P2S4P | 18.59 | 17.94 |
| 4P4S4P | 20.59 | 19.94 |
| 4P6S4P | 22.59 | 21.94 |
| 4P8S4P | 24.59 | 23.94 |
| 4P10S4P | 26.59 | 25.94 |
| 4P12S4P | 28.59 | 27.94 |
| 6P2S6P | 24.59 | 23.94 |
| 6P4S6P | 26.59 | 25.94 |
| 6P6S6P | 28.59 | 27.94 |
| 6P8S6P | 30.59 | 29.94 |
| 6P10S6P | 32.59 | 31.94 |
| 6P12S6P | 34.59 | 33.94 |
| 8P2S8P | 30.59 | 29.94 |
| 8P4S8P | 32.59 | 31.94 |
| 8P6S8P | 34.59 | 33.94 |
| 8P8S8P | 36.59 | 35.94 |
| 8P10S8P | 38.59 | 37.94 |
| 8P12S8P | 40.59 | 39.94 |
| 2POS0P(2P) | 6.65 | 6.00 |
| 2POS2P(4P) | 9.65 | 9.00 |
| 2POS4P(6P) | 12.65 | 12.00 |
| 4POS4P(8P) | 15.65 | 15.00 |
| 4POS6P(10P) | 18.65 | 18.00 |
| 6POS6P(12P) | 21.65 | 21.00 |
| 6POS8P(14P) | 24.65 | 24.00 |
| 8POS8P(16P) | 27.65 | 27.00 |

| | | | | | | | | | | | | | | | | | | | | |
|---------------|---------------------------------------|---------|--------|--------|-------------|--|--|--------------------------|------------|----------------|-----|--------|-------------|--|-----|---|----------|---|------------------------|--------------|
| spec ref | | dr | | Jes Wu | 2015/01/16 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size | A3 | scale | 4:1 | | | | | | | | | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | | eng | | | Jes Wu | 2015/03/25 | ecn no | | | - | | | | | | | |
| | | | | | chr | | | - | - | rel level | | | Preliminary | | | | | | | |
| | | | | | appr | | | - | - | product family | | | - | | | | | | | |
| ISO 406 | surface <div>✓</div> | | linear | 0.X | ±0.50 |  | title | Minitek Pwr Hybrid 3.0mm | | | | dwg no | 10129811 | | rev | 1 | | | | |
| ISO 1101 | | | | 0.XX | ±0.25 | | | | | | | | | | | | cat. no. | - | Product - Customer Drw | sheet 2 of 3 |
| ISO 1302 | | | | 0.XXX | ±0.10 | | | | | | | | | | | | | | | |
| | | angular | 0° | ±3° | www.fci.com | | | | | | | | | | | | | | | |



A

B

C

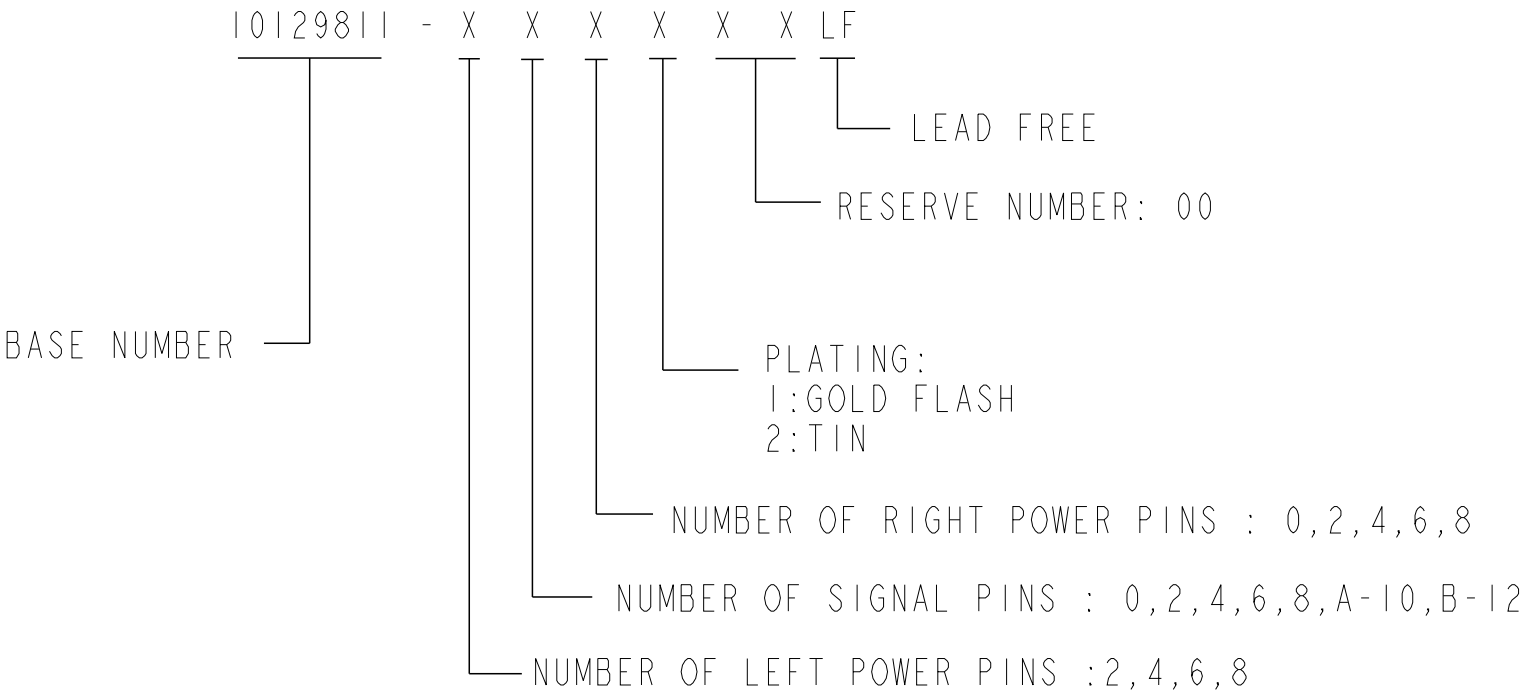
D

A

B

C

D



- 5
- NOTES:
1. MATERIALS:
HOUSING: HIGH PERFORMANCE RESIN, UL94V-0, COLOR:BLACK
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-12-1287.
4. APPLICATION SPECIFICATION: GS-20-0437.
5. PACKAGING SPECIFICATION: GS-14-2450.



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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|--|---------------------------------------|--|-------|--|--------|------------|-------------|------------|----------|----|--------------------------|------|------------------------|-----------|--|-------|--------|-----|--------------|-------------|--|--|--|--|-----|--|---|--|
| spec ref | | | | dr | | Jes Wu | 2015/01/16 | | projection | | MM | | size | | A3 | | scale | | 4:1 | | | | | | | | | | |
| tolerance std | | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | | eng | | Jes Wu | 2015/03/25 | | | | | | ecn no | | | | | | - | | | | | | | | |
| ISO 406 | | | | | | chr | | - | | - | | | | | rel level | | | | | | Preliminary | | | | | | | | |
| ISO 1101 | | | | | | appr | | - | | - | | | | | | | | | | | | | | | | | | | |
| surface | | linear | | 0.X | | ±0.50 | | | | title | | Minitex Pwr Hybrid 3.0mm | | | | | | dwg no | | 10129811 | | | | | | 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 | | | | | | | | | |