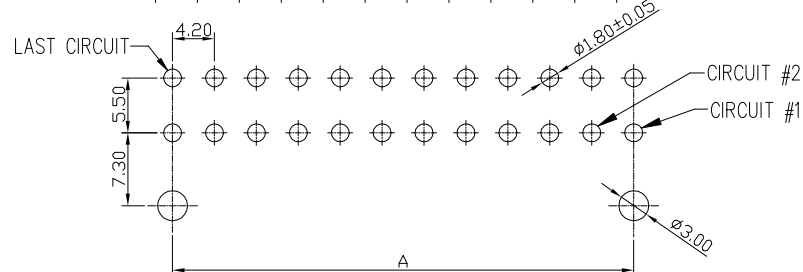
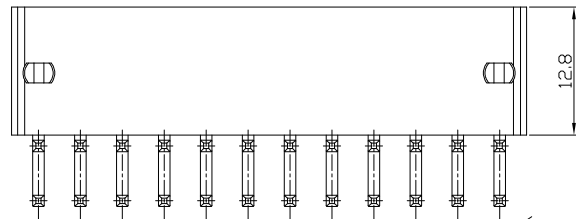
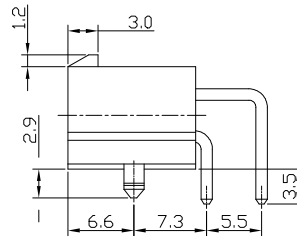
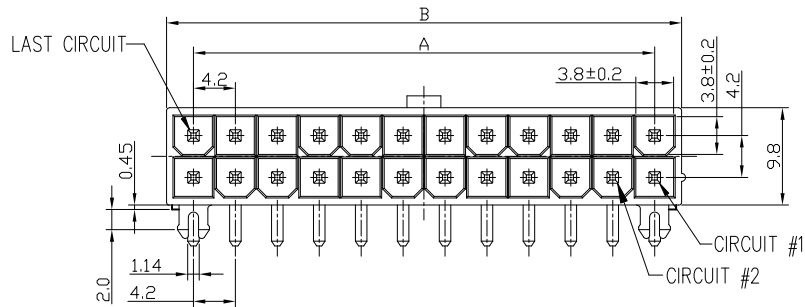
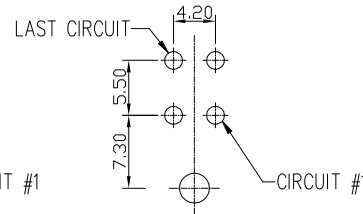
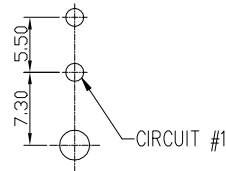
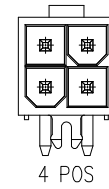
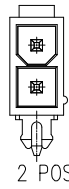
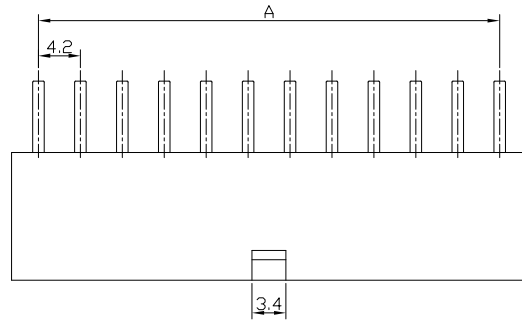


PRODUCT NUMBER  
SEE PART NO. TABLE



PCB LAYOUT COMPONENT SIDE  
FOR 6 ~ 24 POS.

NOTES:

- MATERIAL:  
HSG: UL94V-0. OPTIONAL MATERIAL AND COLOR.  
TERMINAL: BRASS.  
PLATING: OPTIONAL ON CONTACT AREA.
- THIS PLUG MATES WITH FCI RECEPTACLE WIRE CONNECTOR 10127815.
- PRODUCT SPECIFICATION: GS-12-1181.
- PACKAGE SPECIFICATION: GS-14-2362.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 235°C PEAK TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MINIMUM THICK CIRCUIT BOARD. THE HOUSING WILL WITHSTAND EXPOSURE TO 260 °C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW OVEN. (FOR LCP ONLY)

6. PART NUMBER SCHEME:

10127819- XX X X X X X L F

POS. CODE: — PACKAGE:  
02: 2 POS. — BLANK: TRAY  
04: 4 POS. — I: TAFE & REEL  
24: 24 POS. — LOCATING PEG:  
— BLANK: NONE  
— P: BOTH PEGS

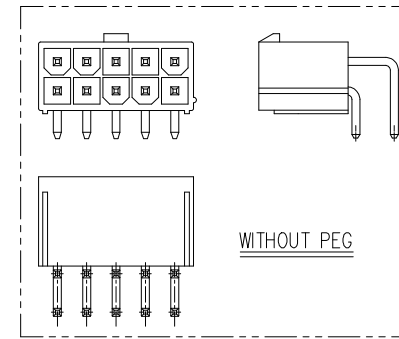
HSG MATERIAL:  
1: NYLON 66  
2: LCP  
G: NYLON 66 (GLOW WIRE COMPATIBLE)

PLATING CODE:  
1: GOLD FLASH  
2: 100u" BRIGHT TIN  
3: 15u" Au  
4: 30u" Au  
5: 100u" MATTE TIN  
6: 160u" MATTE TIN OVER  
50u" NICKEL

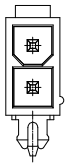
HSG COLOR:  
1: NATURAL  
2: BLACK  
3: BLUE  
4: RED

7. DIMENSIONAL & PART NO. TABLE:

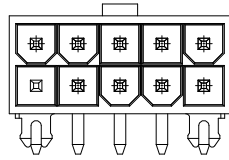
| PART NUMBER        | POS. | A    | B    |
|--------------------|------|------|------|
| 10127819-02XXXXXLF | 02   | 4.2  | 5.4  |
| 10127819-04XXXXXLF | 04   | 4.2  | 9.6  |
| 10127819-06XXXXXLF | 06   | 8.4  | 13.8 |
| 10127819-08XXXXXLF | 08   | 12.6 | 18.0 |
| 10127819-10XXXXXLF | 10   | 16.8 | 22.2 |
| 10127819-12XXXXXLF | 12   | 21.0 | 26.4 |
| 10127819-14XXXXXLF | 14   | 25.2 | 30.6 |
| 10127819-16XXXXXLF | 16   | 29.4 | 34.8 |
| 10127819-18XXXXXLF | 18   | 33.6 | 39.0 |
| 10127819-20XXXXXLF | 20   | 37.8 | 43.2 |
| 10127819-22XXXXXLF | 22   | 42.0 | 47.4 |
| 10127819-24XXXXXLF | 24   | 46.2 | 51.6 |



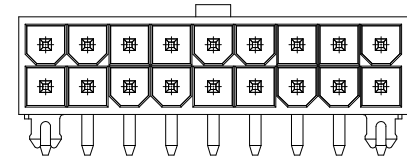
| mat'l. code |             | surface  |            | tolerance                             | projection             | product family                |  |
|-------------|-------------|----------|------------|---------------------------------------|------------------------|-------------------------------|--|
| ltr         | ecn no      | dr       | date       | tolerances unless otherwise specified |                        | Minitek Pwr4.2                |  |
| H           | ELX-T-23408 | TAI      | 2016-08-11 | angles                                | mm                     | title                         |  |
| J           | ELX-N-26437 | TONY     | 2017-03-22 | linear                                |                        | MINITEK PWR4.2 WTB HEADER     |  |
| K           | ELX-N-27446 | TONY     | 2017-07-12 | 0°±5°                                 | scale                  | DUAL ROW, R/A, DIP TYPE       |  |
| L           | ELX-N-29540 | TONY     | 2018-03-14 | dr                                    | N.T.S.                 | sheet 1 of 2 size             |  |
| F           | ELX-T-20405 | TAI      | 2015-03-10 | enrg                                  | Amphenol<br><b>FCI</b> | 10127819                      |  |
| G           | ELX-T-23149 | TAI      | 2016-01-28 | chr                                   |                        | A4                            |  |
| sheet index |             | revision | L          | L                                     |                        | type Product Customer Drawing |  |
| sheet       |             | 1        | 2          |                                       |                        |                               |  |



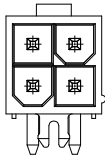
2 POS



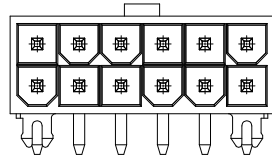
10 POS



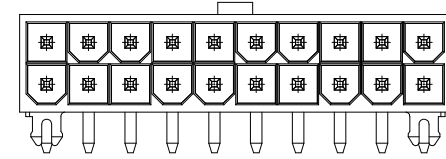
18 POS



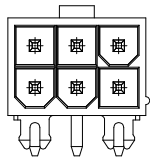
4 POS



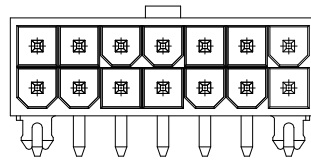
12 POS



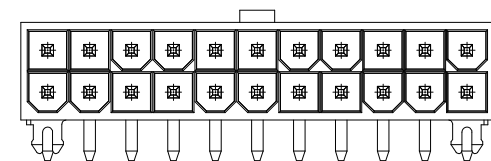
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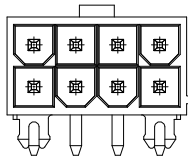
6 POS



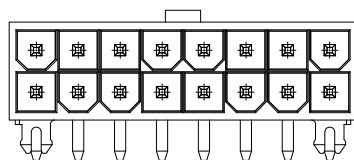
14 POS



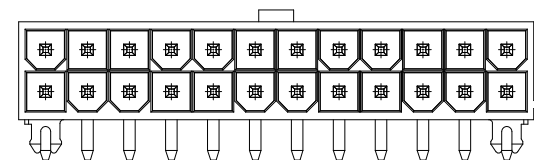
22 POS



8 POS



16 POS



24 POS

|             |                |   |           |                                       |         |                                  |  |
|-------------|----------------|---|-----------|---------------------------------------|---------|----------------------------------|--|
| mat'l. code |                | surface <input checked="" type="checkbox"/> tolerance |           | projection                            |         | product family<br>Minitek Pwr4.2 |  |
| ltr         | ecn no         | dr  | date      | tolerances unless otherwise specified |         | title                            |  |
|             |                |   |           | angles                                | linear  | MINITEK PWR4.2 WTB HEADER        |  |
|             |                |   |           |                                       | .X±0.4  | DUAL ROW, R/A, DIP TYPE          |  |
|             |                |   |           | σ±5°                                  | .XX±0.3 | scale N.T.S.                     |  |
|             |                | dr  | KENNY_TAI | 2013-11-11                            |         |                                  |  |
|             |                | enr   | KENNY_TAI | 2013-11-11                            |         |                                  |  |
|             |                | chr   | KENNY_TAI | 2013-11-11                            |         |                                  |  |
|             |                | appd  | PM_ZHENG  | 2013-11-22                            |         |                                  |  |
| sheet index | revision sheet | L   | L         |                                       |         | dwg no<br>10127819               |  |
|             | 1 2            |   |           |                                       |         | sheet 2 of 2 size<br>A4          |  |
|             |                |   |           |                                       |         | type<br>Product Customer Drawing |  |

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