

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. — T: TAPE & 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: 100µ" BRIGHT TIN  
3: 15µ" Au  
4: 30µ" Au  
5: 100µ" MATTE TIN  
6: 160µ" MATTE TIN OVER  
50µ" NICKEL

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

7. DIMENSIONAL & PART NO. TABLE:

| PART NUMBER        | POS. | A    | B    |
|--------------------|------|------|------|
| 10127819-02XXXXXLF | 02   | 5.4  | 9.6  |
| 10127819-04XXXXXLF | 04   | 4.2  | 13.8 |
| 10127819-06XXXXXLF | 06   | 8.4  | 18.0 |
| 10127819-08XXXXXLF | 08   | 12.6 | 22.2 |
| 10127819-10XXXXXLF | 10   | 16.8 | 26.4 |
| 10127819-12XXXXXLF | 12   | 21.0 | 30.6 |
| 10127819-14XXXXXLF | 14   | 25.2 | 34.8 |
| 10127819-16XXXXXLF | 16   | 29.4 | 39.0 |
| 10127819-18XXXXXLF | 18   | 33.6 | 43.2 |
| 10127819-20XXXXXLF | 20   | 37.8 | 47.4 |
| 10127819-22XXXXXLF | 22   | 42.0 | 51.6 |
| 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         | MINITEK PWR4.2 WTB HEADER<br>DUAL ROW, R/A, DIP TYPE |                          |
| J           | ELX-N-26437    | TONY    | 2017-03-22 | linear                                |            |  |                          |
| K           | ELX-N-27446    | TONY    | 2017-07-12 | 0°±5°                                 | scale      | N.T.S.   |                          |
| L           | ELX-N-29540    | TONY    | 2018-03-14 | dr                                    | KENNY_TAI  | 2013-11-11   | 10127819                 |
| F           | ELX-T-20405    | TAI     | 2015-03-10 | enrg                                  | KENNY_TAI  | 2013-11-11   |                          |
| G           | ELX-T-23149    | TAI     | 2016-01-28 | chr                                   | KENNY_TAI  | 2013-11-11   | Product Customer Drawing |
|             |                |         |            | appd                                  | PM_ZHENG   | 2013-11-22   |                          |
| sheet index | revision sheet | L       | L          |                                       |            |  |                          |
|             |                | 1       | 2          |                                       |            |  |                          |



2 POS



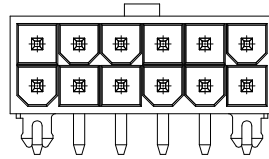
10 POS



18 POS



4 POS



12 POS



20 POS



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   | sheet 2 of 2 size                |  |
|             |                |   |      | dr                                    | KENNY_TAI | 2013-11-11                       |  |
|             |                |   |      | engr                                  | KENNY_TAI | 2013-11-11                       |  |
|             |                |   |      | chr                                   | KENNY_TAI | 2013-11-11                       |  |
|             |                |   |      | appd                                  | PM_ZHENG  | 2013-11-22                       |  |
| sheet index | revision sheet | L   | L    | scale N.T.S.                          |           | type Product Customer Drawing    |  |
|             | 1 2            |   |      |                                       |           |                                  |  |