

11. DIMENSIONAL & PART NO. TABLE:

| PART NUMBER | POS. | A | B |
|-------------------|------|------|------|
| 10131318-02XXXXXL | 02 | 4.2 | 5.4 |
| 10131318-04XXXXXL | 04 | 8.4 | 9.6 |
| 10131318-06XXXXXL | 06 | 12.6 | 13.8 |
| 10131318-08XXXXXL | 08 | 16.8 | 18.0 |
| 10131318-10XXXXXL | 10 | 21.0 | 22.2 |
| 10131318-12XXXXXL | 12 | 25.2 | 26.4 |
| 10131318-14XXXXXL | 14 | 29.4 | 30.6 |
| 10131318-16XXXXXL | 16 | 33.6 | 34.8 |
| 10131318-18XXXXXL | 18 | 37.8 | 39.0 |
| 10131318-20XXXXXL | 20 | 42.0 | 43.2 |
| 10131318-22XXXXXL | 22 | 46.2 | 47.4 |
| 10131318-24XXXXXL | 24 | 50.4 | 51.6 |

NOTES:

1. MATERIAL:
HSG:

MATERIAL:-SEE PART NO. SCHEME,UL94V0,HALOGEN FREE.
COLOUR:-SEE PART NO. SCHEME.

2.CONTACT:

MATERIAL: HIGH CONDUCTIVITY COPPER ALLOY.
PLATING: 50u" MIN. SEMI BRIGHT Ni OVERALL UNDER PLATED.
OPTIONAL PLATING ON CONTACT AREA.

3.REFER GS-20-0401 APPLICATION SPEC FOR MATING CONNECTOR.

4.PRODUCT SPECIFICATION: GS-12-1333.

5.PACKAGE SPECIFICATION: GS-14-2362.

6.APPLICATION SPECIFICATION: GS-20-0401

7.THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C
PEAK TEMPERATURE FOR 5 SECONDS IN A WAVE
SOLDER APPLICATION WITH A 1.6mm MINIMUM THICK
CIRCUIT BOARD. (FOR NYLON)

8.THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C
PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW
OVEN. (FOR LCP ONLY)

9.THIS LFP PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.

10. PART NUMBER SCHEME:

10131318- XX X X X X L F

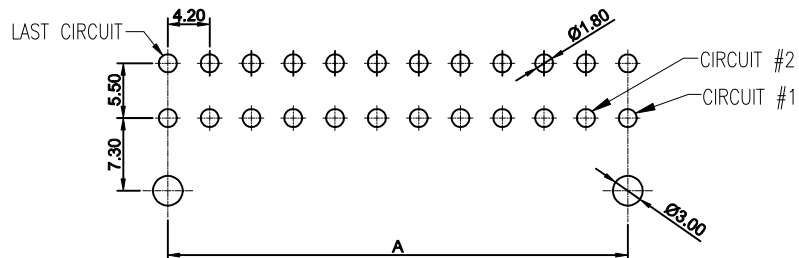
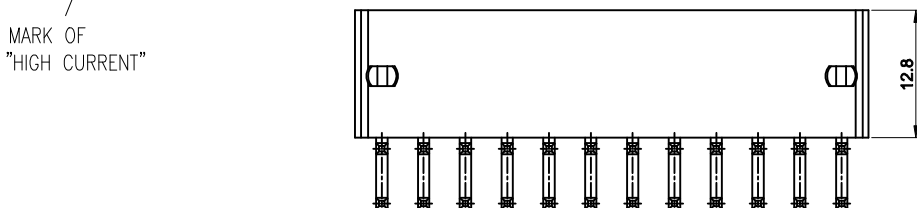
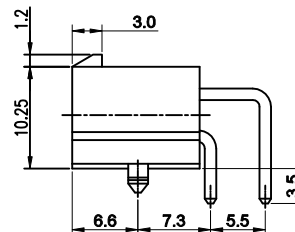
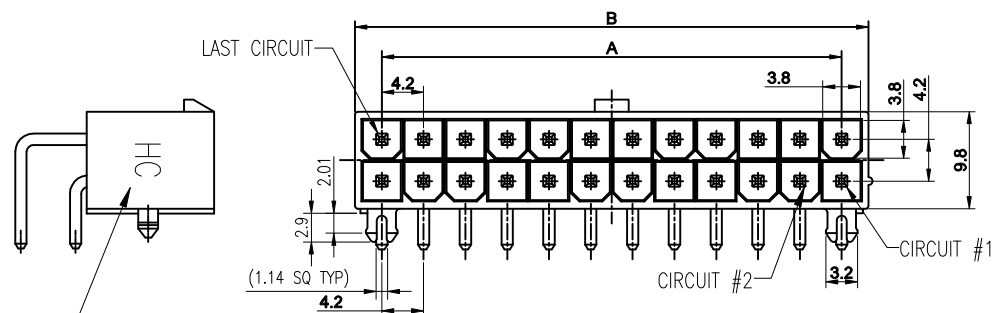
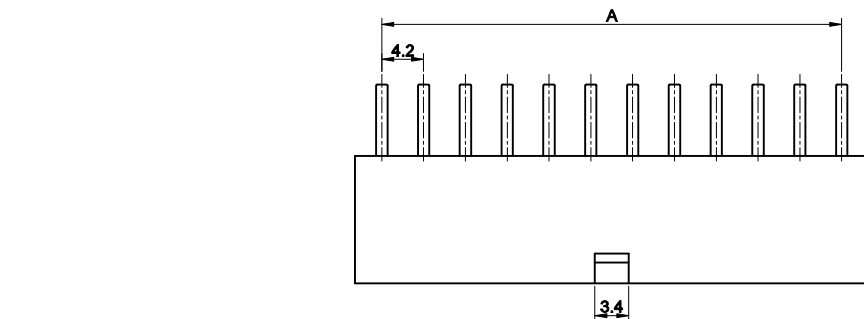
POS. CODE: X X X X X L F

- 0: LEAD FREE
- LOCATING PEG AND PACKING:
 - 0: NONE (TRAY)
 - P: BOTH PEGS (TRAY)
 - R: NONE (TAPE/REEL)
- GLOW WIRE COMPATIBLE:
 - 0: NON-GLOW WIRE
 - G: GLOW WIRE
- HSG MATERIAL:
 - 1: NYLON 66
 - 2: LCP (GLOW WIRE ONLY)
- HSG COLOR:
 - 1: NATURAL
 - 2: BLACK

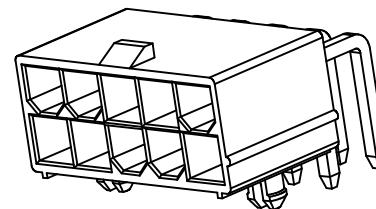
24: 24 POS.
S1: SEE SHEET 2
S2: SEE SHEET 2
S3: SEE SHEET 2
S4: SEE SHEET 2

CONTACT PLATING:

- 1: GOLD FLASH OVERALL
- 2: 80u" BRIGHT TIN OVERALL
- 4: 30u" Au ON CONTACT AREA AND 80u"MIN MATTE TIN ON SOLDER TAILS
- 5: 100u" MATTE TIN OVERALL



PCB LAYOUT COMPONENT SIDE
THICKNESS:1.6, TOLERANCE:±0.05



| | | | | | | | | | |
|-------------------------------|--|---------------------------------------|--|----------------------------|--|--------------|--|------------------------------------|--|
| mat'l. code | | surface ISO 1302 ✓ | | tolerance ISO 406 ISO 1101 | | projection | | product family | |
| ltr ecn no dr date | | tolerances unless otherwise specified | | X.X±.0.4 | | mm | | MINITEK PWR4.2 HCC | |
| H ELX-I-43510 SONY 2023-01-09 | | angles linear | | X.XX±.0.30 | | scale N.T.S | | title | |
| | | dr KENNY TAI 2014-08-12 | | SONY 2023-01-09 | | Amphenol FCI | | MINITEK PWR4.2 HIGH CURRENT HEADER | |
| E TONY 2017-08-15 | | engr SONY 2023-01-09 | | SONY 2023-01-09 | | | | DUAL ROW, R/A, DIP TYPE | |
| F ELX-N-29299 TONY 2018-02-06 | | chr SONY 2023-01-09 | | | | | | dwg no sheet 1 of 3 size | |
| G ELX-N-32661 TONY 2019-02-13 | | appd MITHUN 2023-01-09 | | | | | | 10131318 A3 | |
| sheet revision H H H | | index sheet 1 2 3 | | | | | | type Product Customer Drawing | |

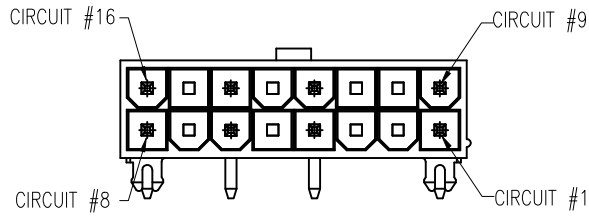
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2 3

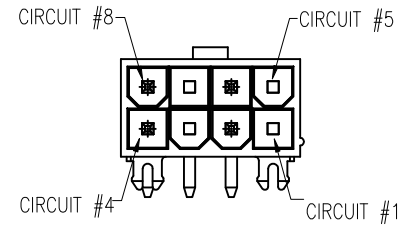
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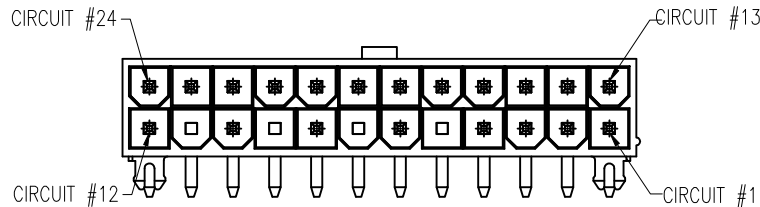
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S1: CIRCUIT 2,3,5,7,10,11,13,15 REMOVED

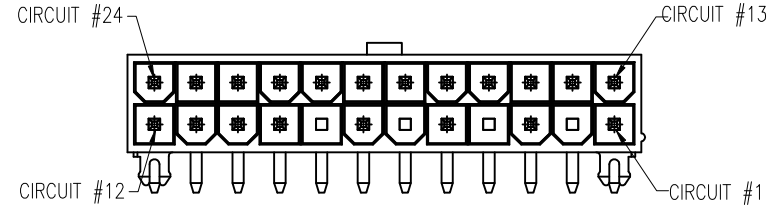


S2: CIRCUIT 1,3,5,7 REMOVED



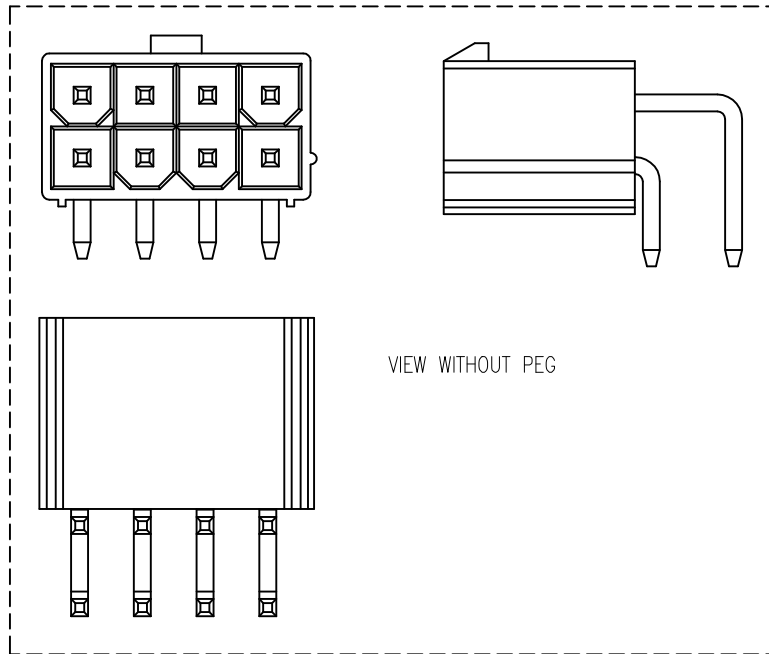
24 POS

S3: CIRCUIT 5,7,9,11 REMOVED



24 POS

S4: CIRCUIT 2,4,6,8 REMOVED



VIEW WITHOUT PEG

| | | | | | | | | | |
|-------------|----------------|--|------|---------------------------------------|-----------|------------------------|--|--|--|
| mat'l. code | | surface ISO 1302 <input checked="" type="checkbox"/> ISO 406 <input type="checkbox"/> ISO 1101 <input type="checkbox"/> | | tolerance ISO 406 ISO 1101 | | projection | | product family MINITEK PWR4.2 HCC | |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | mm | | title MINITEK PWR4.2 HIGH CURRENT HEADER DUAL ROW, R/A, DIP TYPE | |
| | | | | angles | linear | X.X±.0.4 X.XX±.0.30 | | dwg no 10131318 | |
| | | | | X'±1' | | scale N.T.S | | sheet 2 of 3 size A3 | |
| | | | | dr | KENNY TAI | 2014-08-12 | | type Product Customer Drawing | |
| | | | | engr | SONY | 2023-01-09 | | | |
| | | | | chr | SONY | 2023-01-09 | | | |
| | | | | appd | MITHUN | 2023-01-09 | | | |
| sheet index | revision sheet | H | H | H | | | | | |
| | | 1 | 2 | 3 | | | | | |

Amphenol FCI

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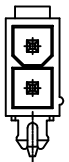
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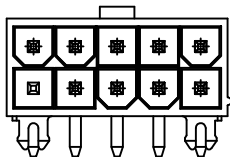
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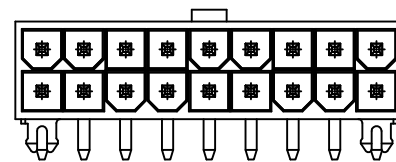
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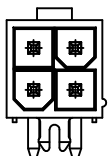
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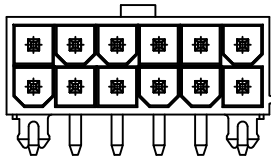
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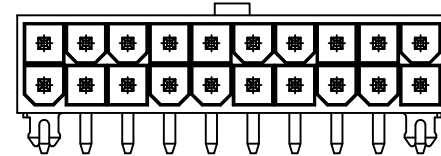
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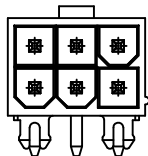
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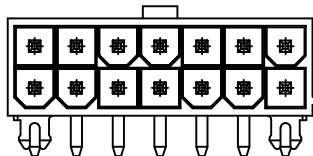
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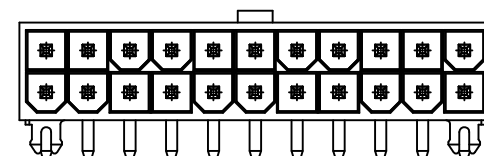
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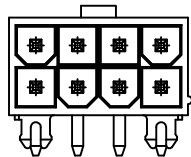
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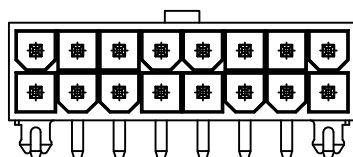
14 POS



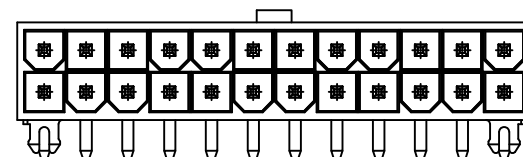
22 POS



8 POS



16 POS



24 POS



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| | | | | | | | | | |
|-------------|--|------------|--|------------------|--|------------|--|------------------------------------|--|
| mat'l. code | | surface | | tolerance | | projection | | product family | |
| | | ISO 1302 ✓ | | ISO 406 ISO 1101 | | | | MINITEK PWR4.2 HCC | |
| ltr | | ecn no | | dr | | date | | title | |
| | | | | | | | | MINITEK PWR4.2 HIGH CURRENT HEADER | |
| | | | | | | | | DUAL ROW, R/A, DIP TYPE | |
| | | | | | | | | dwg no | |
| | | | | | | | | sheet 3 of 3 | |
| | | | | | | | | size | |
| | | | | | | | | A3 | |
| | | | | | | | | type | |
| | | | | | | | | Product Customer Drawing | |
| sheet | | revision | | H | | H | | H | |
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