

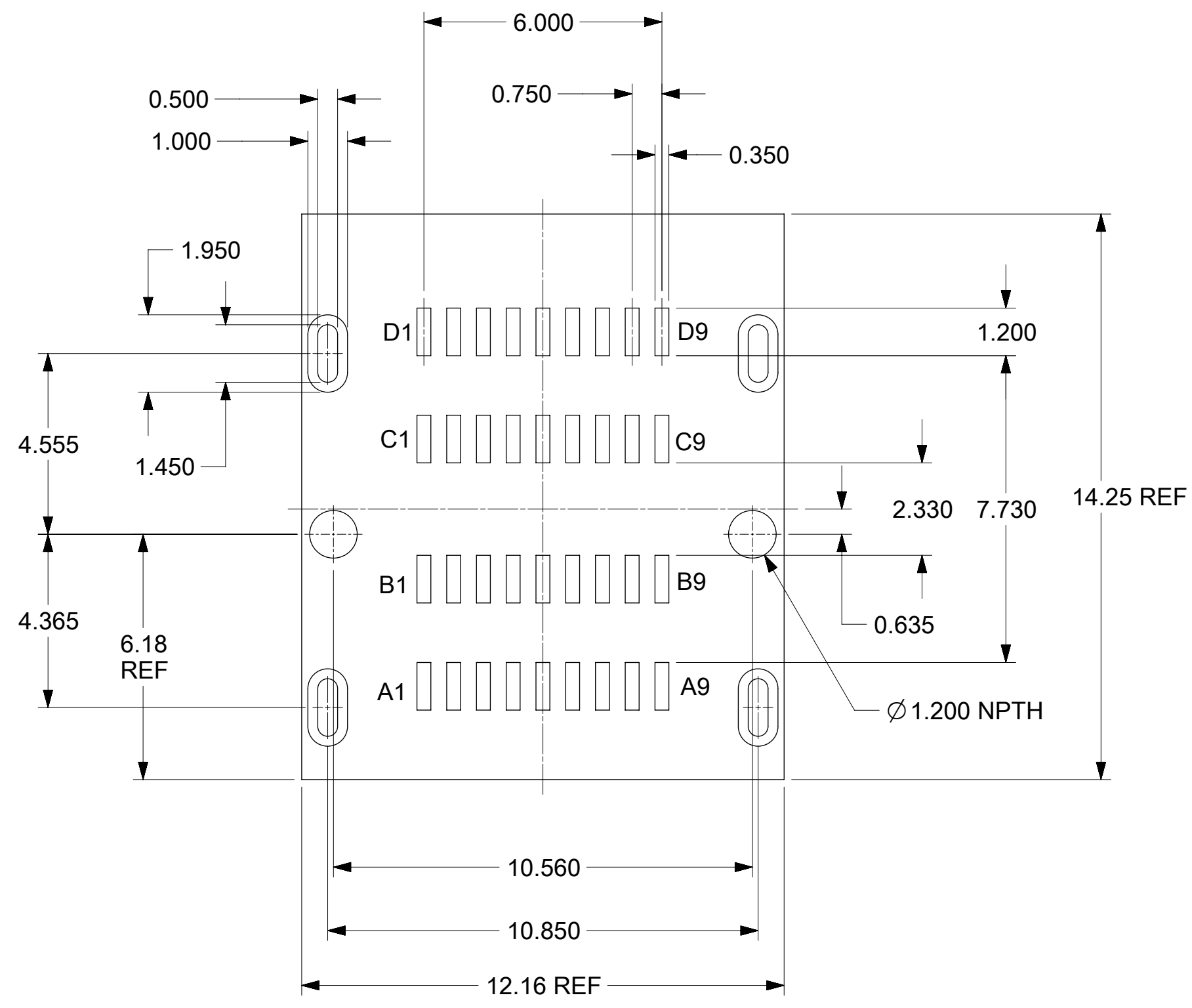
NOTES:

- MATERIALS:
CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC
GLASS FILLED, UL 94V-0
TERMINAL: COPPER ALLOY
SHROUD: STAINLESS STEEL
- FINISHES:
CONTACT AREA: 0.76µM MIN GOLD OVER 3.81µM NICKEL
SMT TAIL: 0.05µM MIN GOLD FLASH OVER 1.27µM MIN NICKEL
SOLDER NAIL: 1.25µM MIN MATTE TIN OVER 0.50µM MIN NICKEL
- MANUFACTURED DATE CODE (JULIAN CALENDAR)
- PRODUCT SPECIFICATION: PS-172466-001
- TAPE & REEL PACKAGING SPECIFICATION: PK-172466-9001
- MATES WITH MOLEX CABLE SERIES 111074

| | | |
|--------------|---------|---------|
| 172466-0120 | 3.18 | 3.98 |
| 172466-0110 | 2.36 | 3.59 |
| 172466-0100 | 1.57 | 2.40 |
| MAT'L NUMBER | PCB THK | DIM 'A' |

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|--|---|--|----------------------------|---|--|
| FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$ | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: | | |
| | DIMENSION UNITS | SCALE | EC NO: 690554 | | |
| | mm | 4:1 | DRWN: ABELD2 2021/12/17 | | |
| | GENERAL TOLERANCES (UNLESS SPECIFIED) | | CHK'D: JKACHLIC 2022/01/14 | | |
| ANGULAR TOL ± 0.5° | | APPR: JKACHLIC 2022/01/14 | | PRODUCT CUSTOMER DRAWING | |
| 4 PLACES ± | | INITIAL REVISION: | | DOCUMENT NUMBER | |
| 3 PLACES ± 0.1 | | DRWN: TMCLELL 2014/02/17 | | SD-172466-0100 | |
| 2 PLACES ± 0.15 | | APPR: TMCLELL 2014/02/20 | | DOC TYPE DOC PART REVISION | |
| 1 PLACE ± 0.25 | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | PSD 000 A3 | |
| 0 PLACES ± | | THIRD ANGLE PROJECTION | | MATERIAL NUMBER CUSTOMER SHEET NUMBER | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | DRAWING SERIES | | SEE CHART EMC 1 OF 3 | |

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|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/01/14 | 02:46:28 |
|-----------------|----|--------------|------------|----------|



1X1 RECOMMENDED PCB LAYOUT
 (ALL TOLERANCES ARE ±0.050)

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|--|---|-----------------|---|--|--|------------------------|--|---------|--------|-----------------|-----------------|----------------|----------|----------|----------|----|
| FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$ DIVISIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | |
| | DIMENSION UNITS | SCALE | CURRENT REV DESC: | | | | | | | | | | | | | |
| | mm | 8:1 | EC NO: 690554 DRWN: ABELD2 2021/12/17 CHK'D: JKACHLIC 2022/01/14 APPR: JKACHLIC 2022/01/14 | | | | | | | | | | | | | |
| | GENERAL TOLERANCES (UNLESS SPECIFIED) | | INITIAL REVISION: | | | | | | | | DOCUMENT NUMBER | | DOC TYPE | DOC PART | REVISION | |
| ANGULAR TOL ± 0.5° | | 4 PLACES ± | | DRWN: TMCLELL 2014/02/17 APPR: TMCLELL 2014/02/20 | | | | | | | | SD-172466-0100 | | PSD | 000 | A3 |
| 3 PLACES ± 0.1 | | 2 PLACES ± 0.15 | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER | | | | |
| 1 PLACE ± 0.25 | | 0 PLACES ± | | | | | | C-SIZE | 172466 | SEE CHART | EMC | 2 OF 3 | | | | |

REVISION HISTORY

| DATE | REV | DESCRIPTION |
|------------|-----|---|
| 2021/7/7 | A2 | B12 ON PAGE 1: CHANGE PLATING SPEC AT SMT TAIL FROM 0.76μM MIN MATTE TIN TO 0.05μM MIN GOLD FLASH |
| 2021/12/17 | A3 | SHEET 1 : D2 UPDATE THE LOCATION OF THE GATE VESTIGE |
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|--|---|----------------------------|---|---|--|---|--|----------------------|--|--|
| FUNCTIONAL SYMBOLS = 0 = 0 = 0 DIVISIONAL SYMBOLS 3 PLACES ± 0.1 2 PLACES ± 0.15 1 PLACE ± 0.25 0 PLACES ± | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | DIMENSION UNITS: mm SCALE: 1:1 | | CURRENT REV DESC: EC NO: 690554 DRWN: ABELD2 2021/12/17 CHK'D: JKACHLIC 2022/01/14 APPR: JKACHLIC 2022/01/14 | | 1X1 VERTICAL SMT CONNECTOR ASSEMBLY IPASS ZHD PRODUCT CUSTOMER DRAWING | | | |
| | GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 0.5° | | INITIAL REVISION: DRWN: TMCLELL 2014/02/17 APPR: TMCLELL 2014/02/20 | | DOCUMENT NUMBER: SD-172466-0100 DOC TYPE: PSD DOC PART: 000 REVISION: A3 | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING: C-SIZE SERIES: 172466 | | MATERIAL NUMBER: SEE CHART CUSTOMER: EMC | | SHEET NUMBER: 3 OF 3 | | |