

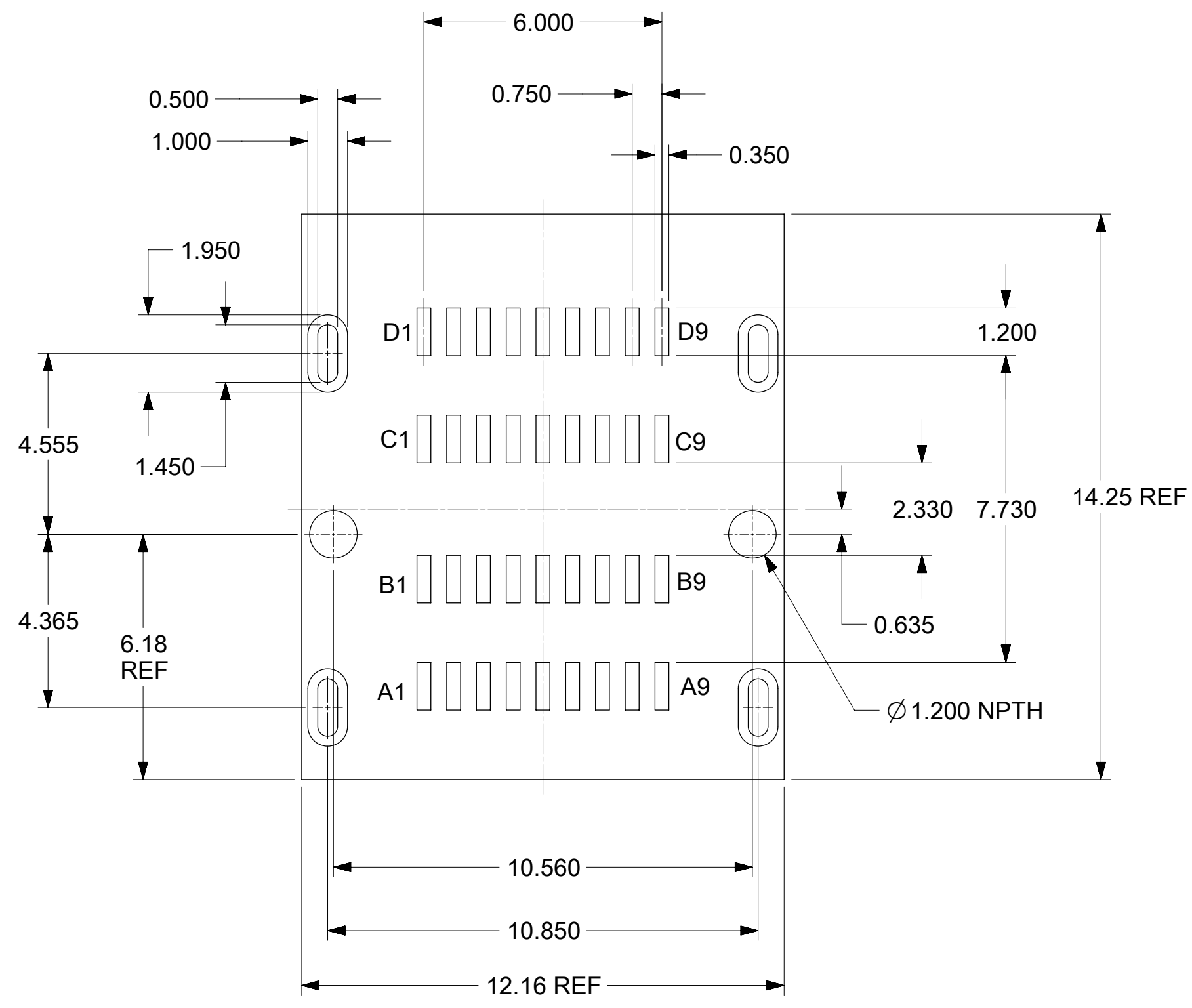
NOTES:

- 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
<b>MAT'L NUMBER</b>	<b>PCB THK</b>	<b>DIM 'A'</b>

<b>FUNCTIONAL SYMBOLS</b> $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: <b>mm</b> SCALE: <b>4:1</b>	CURRENT REV DESC: EC NO: 690554 DRWN: ABELD2 CHK'D: JKACHLIC APPR: JKACHLIC 2021/12/17 2022/01/14 2022/01/14	 <b>1X1 VERTICAL SMT CONNECTOR ASSEMBLY IPASS ZHD</b>		
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL $\pm 0.5^\circ$ 4 PLACES $\pm$ 3 PLACES $\pm 0.1$ 2 PLACES $\pm 0.15$ 1 PLACE $\pm 0.25$ 0 PLACES $\pm$	INITIAL REVISION: DRWN: TMCLELL APPR: TMCLELL 2014/02/17 2014/02/20			
<b>DIVISIONAL SYMBOLS</b> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION 	DRAWING: <b>C-SIZE</b> SERIES: <b>172466</b>	MATERIAL NUMBER: SEE CHART CUSTOMER: EMC	SHEET NUMBER: 1 OF 3	

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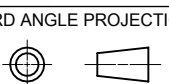


**1X1 RECOMMENDED PCB LAYOUT**  
 (ALL TOLERANCES ARE ±0.050)

FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$ DIVISIONAL SYMBOLS 4 PLACES ± 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 <b>mm</b>		SCALE <b>8:1</b>		CURRENT REV DESC:								
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 0.5°		EC NO: 690554 DRWN: ABELD2 CHK'D: JKACHLIC APPR: JKACHLIC		2021/12/17 2022/01/14 2022/01/14		1X1 VERTICAL SMT CONNECTOR ASSEMBLY IPASS ZHD								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING <b>C-SIZE</b>		SERIES <b>172466</b>		INITIAL REVISION: DRWN: TMCLELL APPR: TMCLELL		2014/02/17 2014/02/20		PRODUCT CUSTOMER DRAWING			
DOCUMENT STATUS <b>P1</b>		RELEASE DATE <b>2022/01/14 02:46:28</b>		MATERIAL NUMBER <b>SEE CHART</b>		CUSTOMER <b>EMC</b>		DOCUMENT NUMBER <b>SD-172466-0100</b>		DOC TYPE <b>PSD</b>		DOC PART <b>000</b>		REVISION <b>A3</b>	
SHEET NUMBER <b>2 OF 3</b>															

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

FUNCTIONAL 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:											
$\frac{F}{A} = 0$	mm	1:1	EC NO: 690554 DRWN: ABELD2 2021/12/17 CHK'D: JKACHLIC 2022/01/14 APPR: JKACHLIC 2022/01/14 INITIAL REVISION: DRWN: TMCLELL 2014/02/17 APPR: TMCLELL 2014/02/20									DOCUMENT NUMBER		DOC TYPE
$\frac{F}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)									SD-172466-0100		PSD	000	A3
$\frac{F}{P} = 0$	ANGULAR TOL ± 0.5°									PRODUCT CUSTOMER DRAWING				
DIVISIONAL SYMBOLS	4 PLACES	±												
	3 PLACES	±												
	2 PLACES	±												
	1 PLACE	±												
	0 PLACES	±												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER						
				C-SIZE	172466	SEE CHART	EMC	3 OF 3						