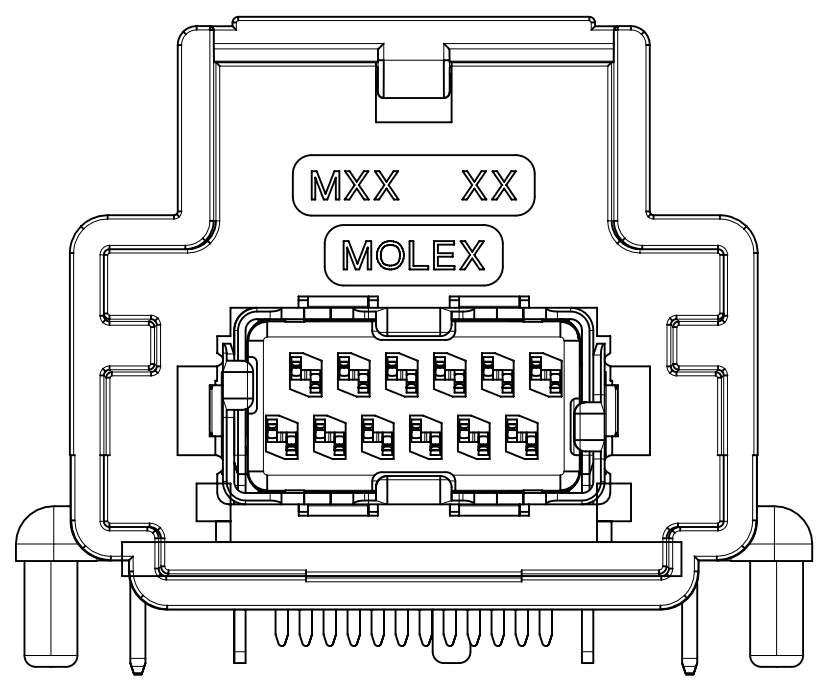
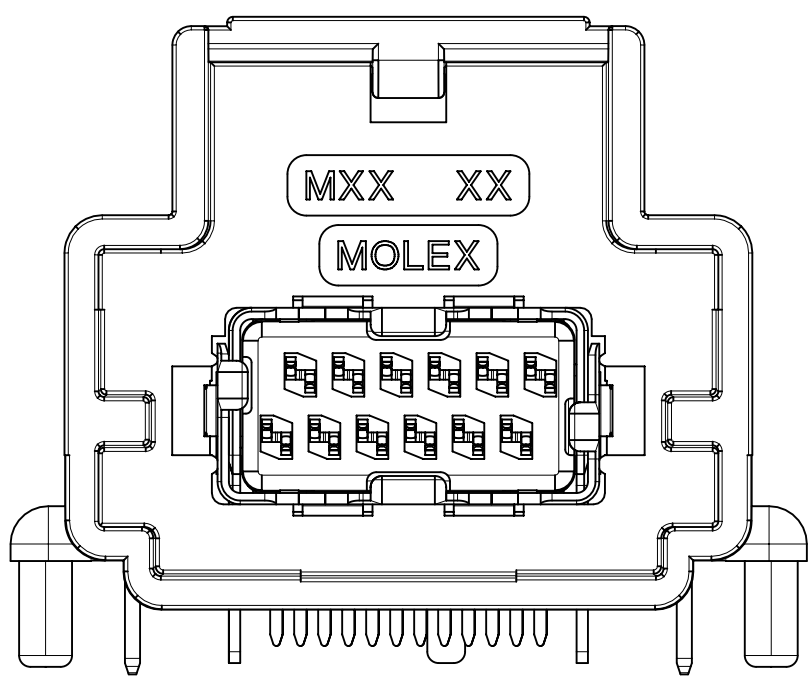




34861-1406
34861-1206 (SI INSERTS) *NOT QUALIFIED*
34861-1306 (2 SHIELD TABS)
34861-2106 (SMT) *NOT QUALIFIED*
34861-7009 (TERMINAL AND INSERTS CHANGE)
(2 SHIELD TAB)
34861-8009 SMT VERSION WITH HS INSERTS
(NO SHIELD TABS)
34861-9009 (TERMINAL AND INSERTS CHANGE)
(2 SHIELD TAB)

KEY OPTION 'A'
COLOR: BLACK

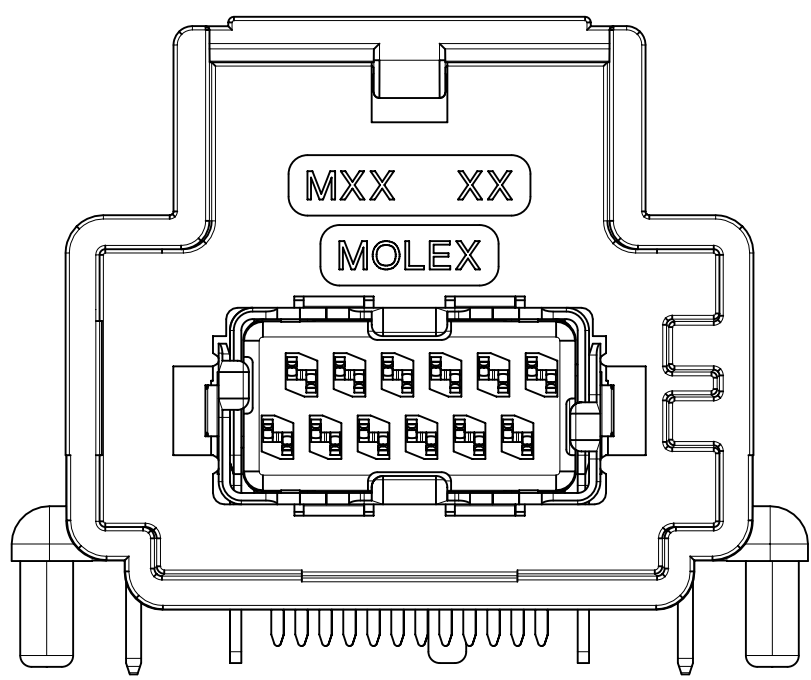
SALEABLE



34861-1416
34861-1216 (SI INSERTS) *NOT QUALIFIED*
34861-1316 (2 SHIELD TABS)
34861-2116 (SMT) *NOT QUALIFIED*
34861-7019 (TERMINAL AND INSERTS CHANGE)
(2 SHIELD TAB)
34861-8019 SMT VERSION WITH HS INSERTS
(NO SHIELD TABS)
34861-9019 (TERMINAL AND INSERTS CHANGE)
(2 SHIELD TAB)

KEY OPTION 'B'
COLOR: GRAY

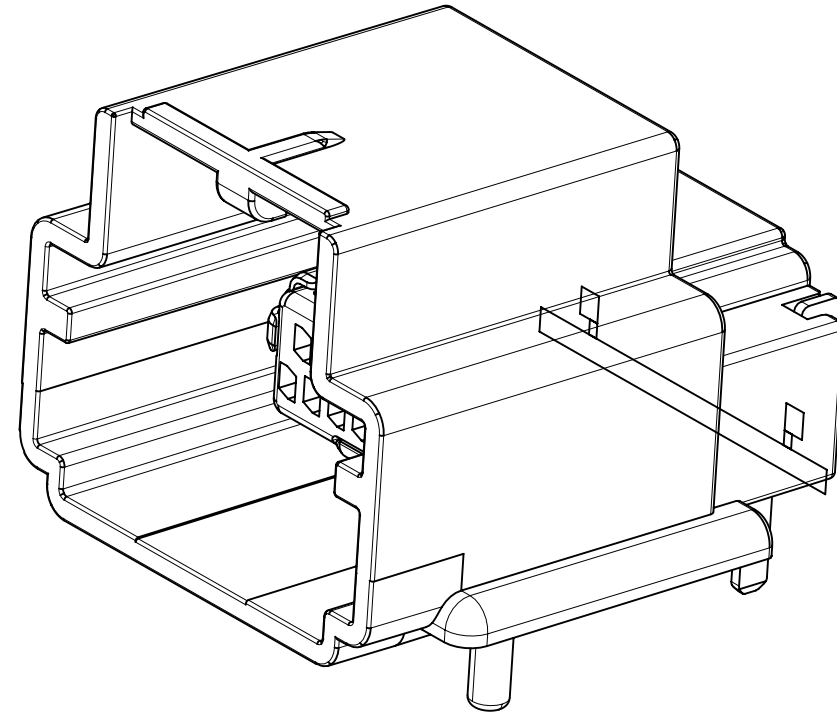
SALEABLE



34861-1426
34861-1226 (SI INSERTS) *NOT QUALIFIED*
34861-1326 (2 SHIELD TABS)
34861-2126 (SMT) *NOT QUALIFIED*
34861-7029 (TERMINAL AND INSERTS CHANGE)
(2 SHIELD TAB)
34861-8029 SMT VERSION WITH HS INSERTS
(NO SHIELD TABS)
34861-9029 (TERMINAL AND INSERTS CHANGE)
(2 SHIELD TAB)

KEY OPTION 'C'
COLOR: BROWN

SALEABLE



NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. MATERIALS:

HEADER HOUSING: SPS, 30%GF

TERMINALS - COPPER ALLOY

OVERMOLDING - LCP, 30%GF

BISCUIT - SPS, 30%GF

SHIELDS - COPPER ALLOY

2. TERMINAL MATE-SIDE PLATING: SELECTIVE GOLD OVER NICKEL

TERMINAL PCB SIDE PLATING: TIN OVER NICKEL

SHIELDS PLATING - TIN OVER NICKEL

3. MATING CONNECTOR MINIMUM CLEARANCE: AREA TO REMAIN CLEAR OF MODULE COMPONENTS, ADHESIVE, DEBRIS, ETC.

4. PCB TO BE FR4 0.062" (1.57mm) THICK

5. LASER MARKING TO BE MARKED WITH:

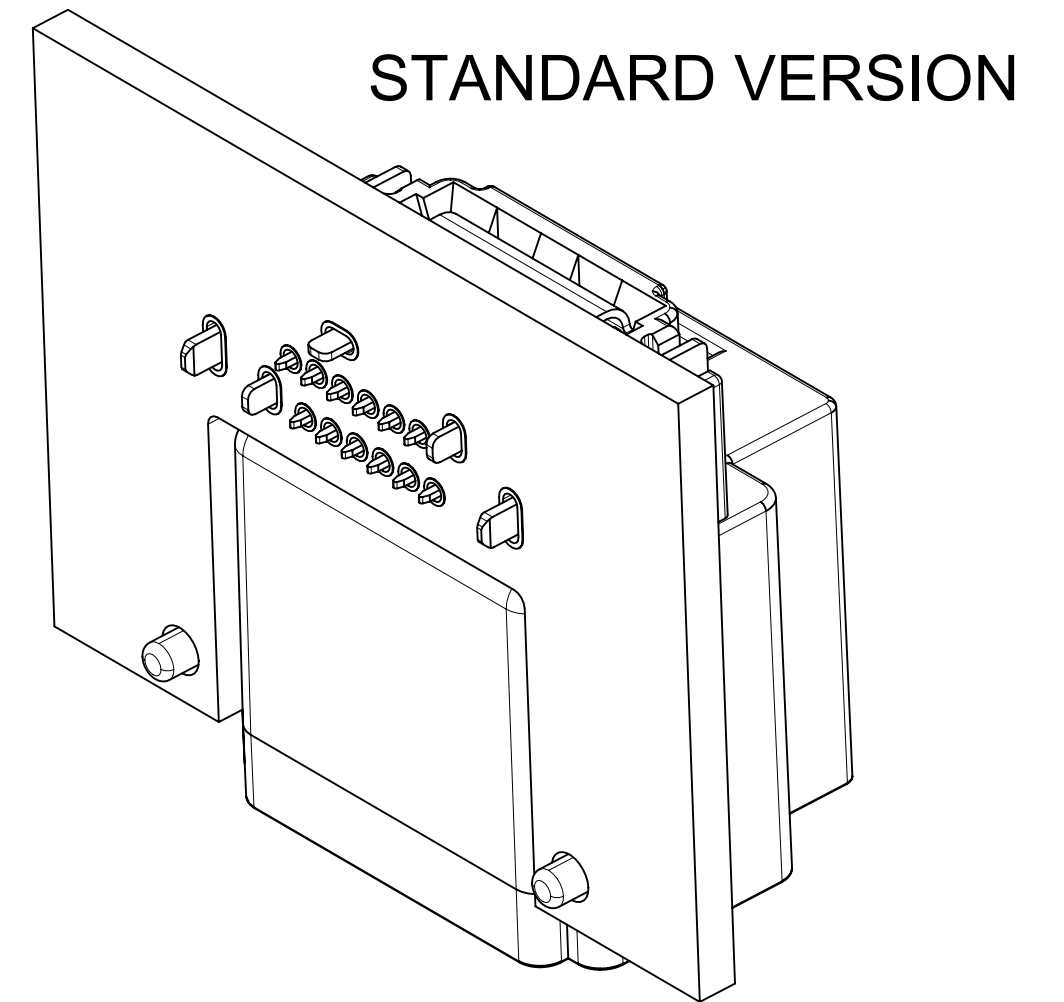
HUMAN READABLE CODE (HRC)

-PERMANENTLY APPLIED ON THE PART WITH 1.5mm LETTER SIZE

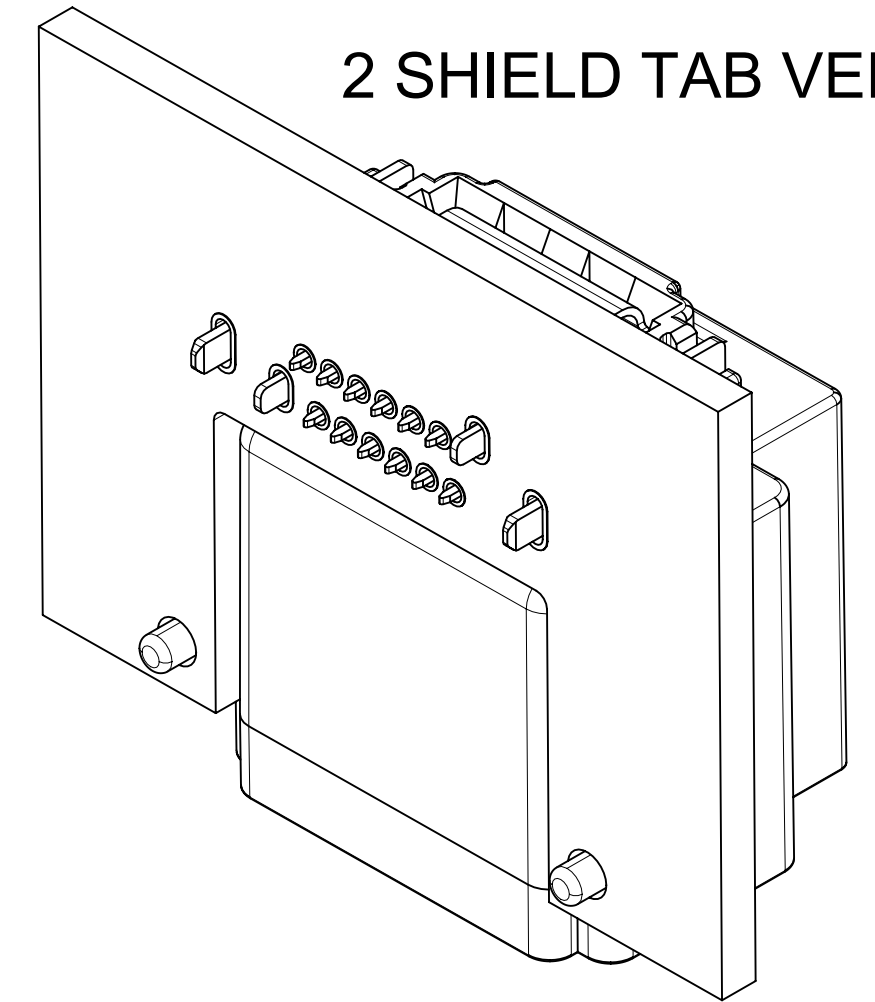
-INFORMATION TO BE PRINTED

5. DIGIT JULIAN MANUFACTURING DATE STAMP YYDDD

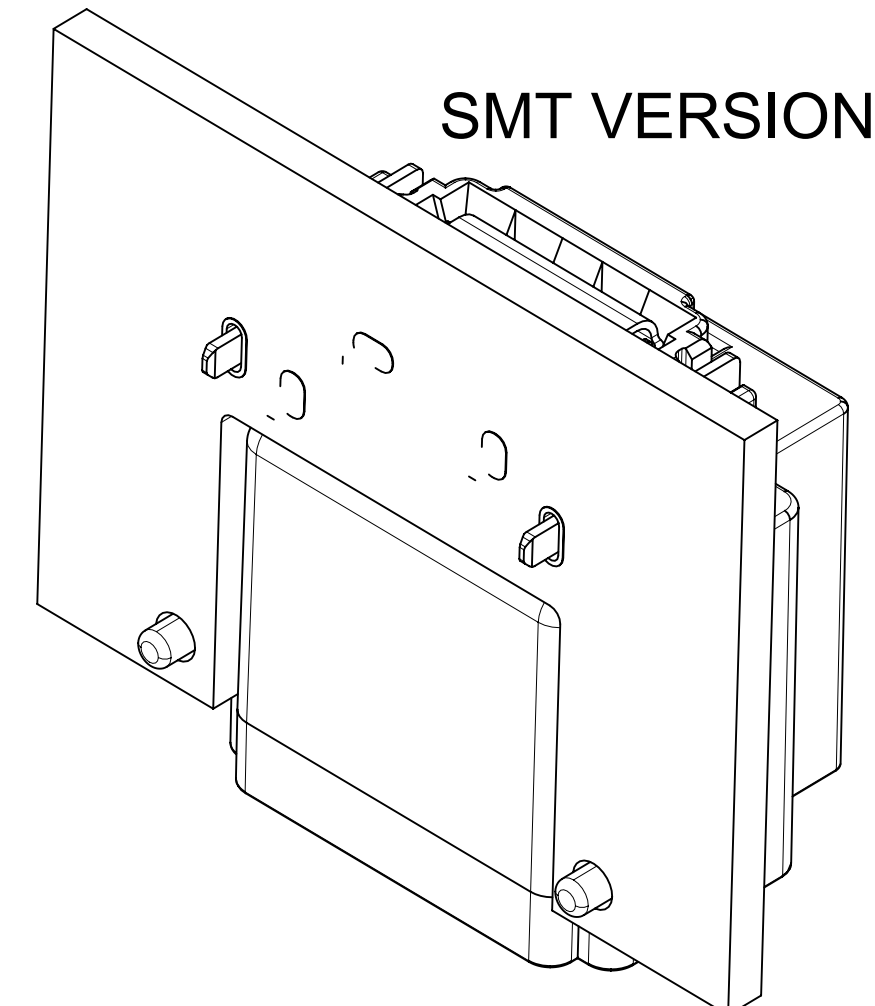
(C11) 6. REFLOW SOLDERING IS RECOMMENDED FOR TESTING.



STANDARD VERSION



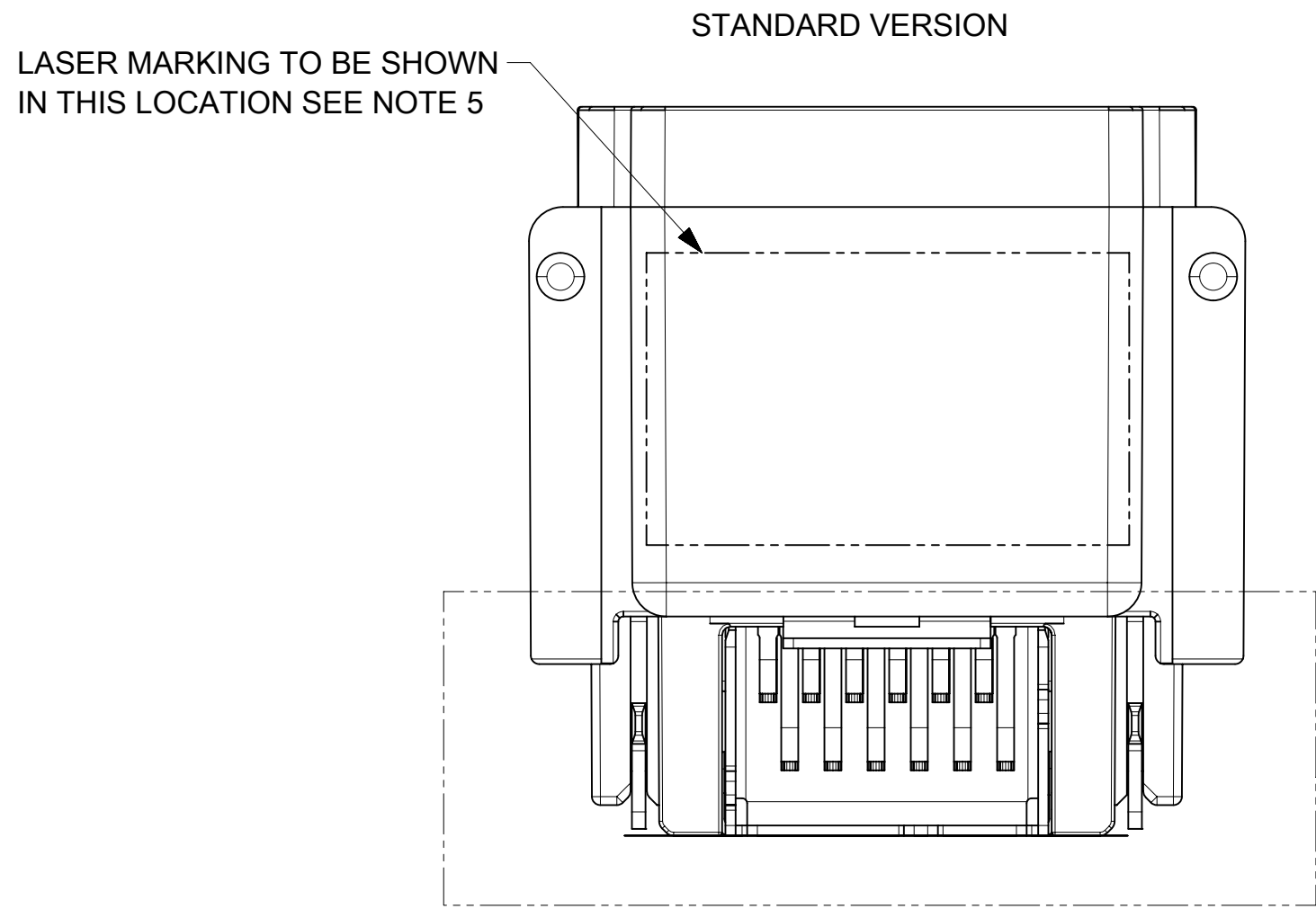
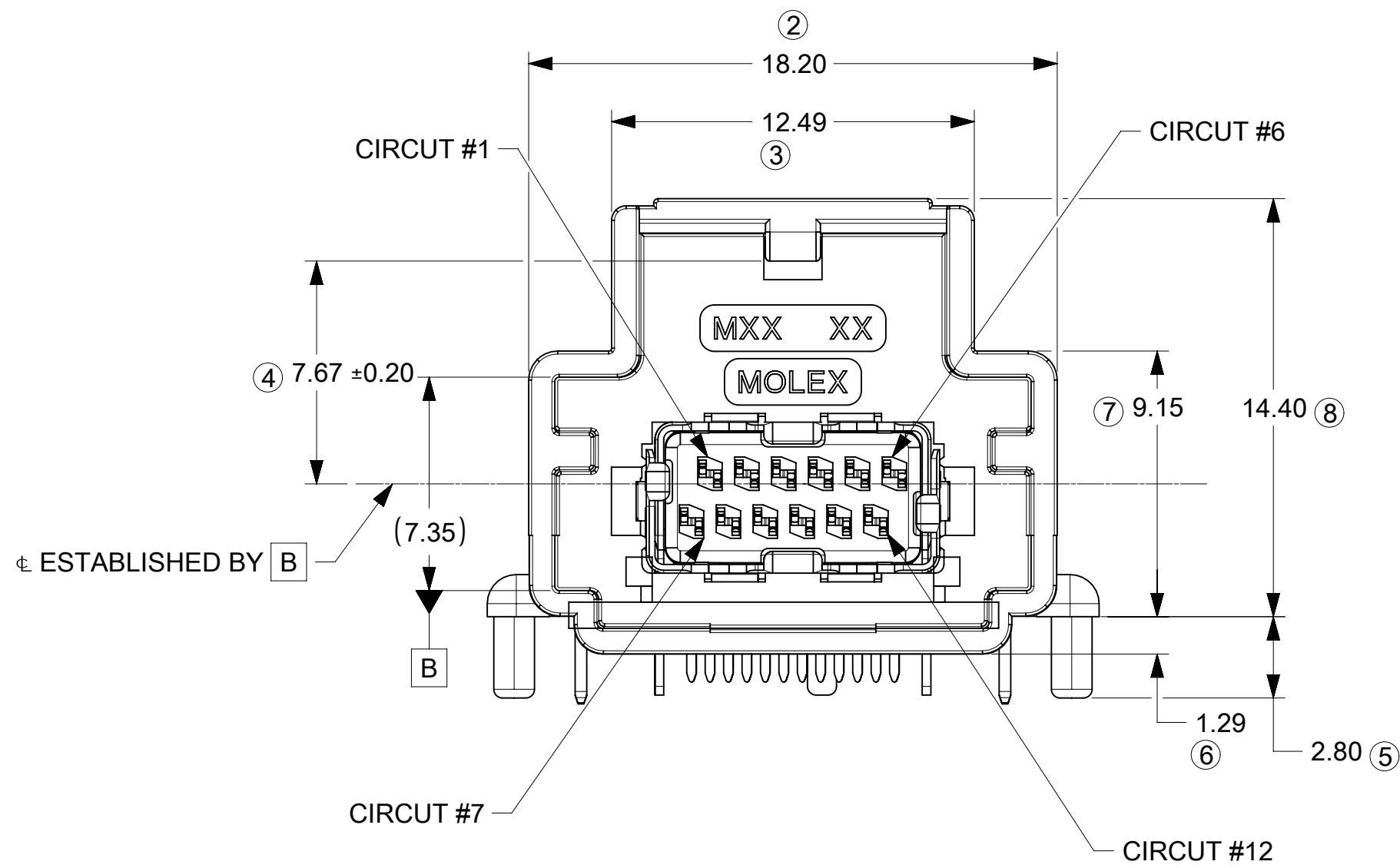
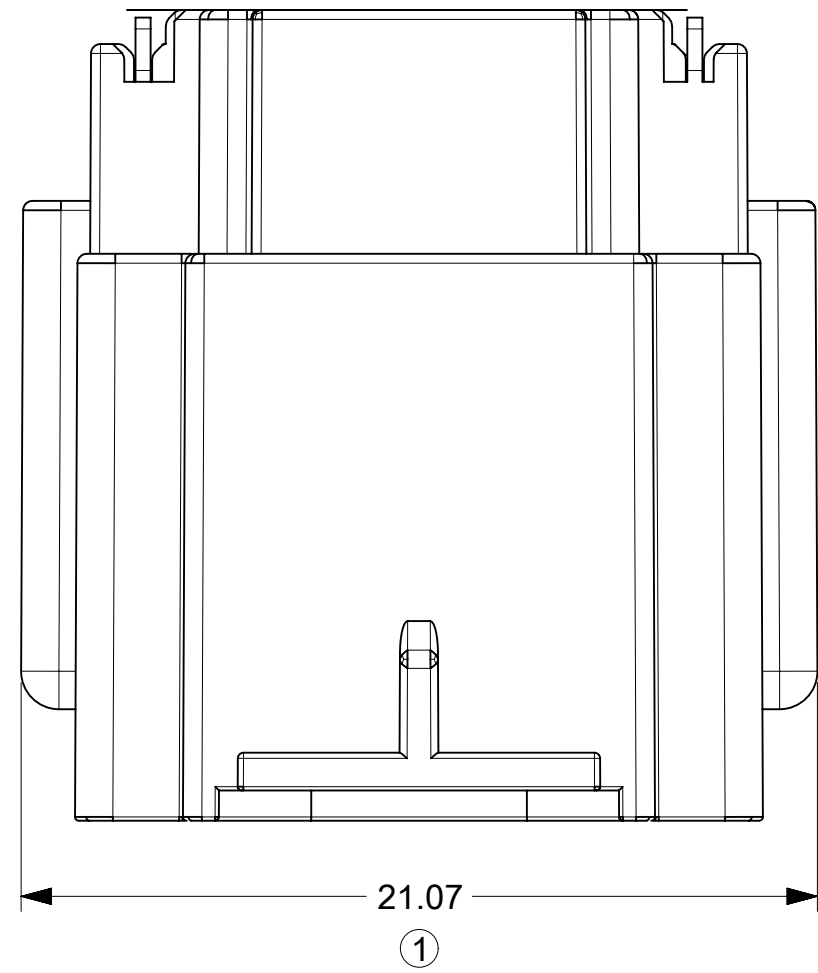
2 SHIELD TAB VERSION



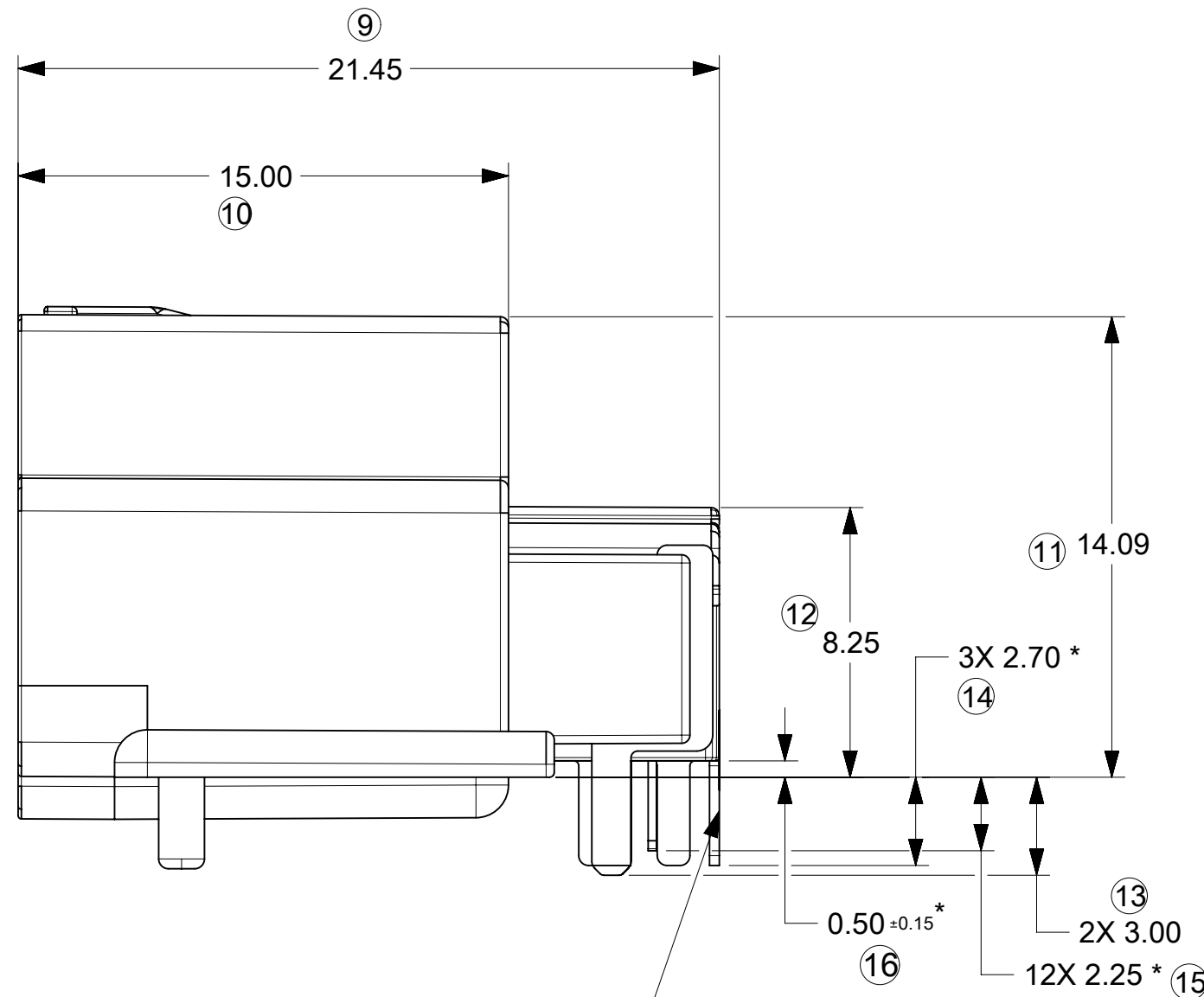
SMT VERSION

C11	NOTES 6 ADDED	PRAVEEN	27NOV2023
C10	REMOVED "NOT QUALIFIED" FROM 80X9 SERIES.REMOVED "NOT QUALIFIED" FROM SHEET 4. SHEET-4 SMT PCB LAYOUT DIMENSIONS UPDATED.BALLOON NUMBER 17 UPDATED	PRAVEEN	28OCT2022
C9	NOTES ADDED ON SHEET 2 & 4 AND BALLOON NUMBER 17 UPDATED. FOR 34861-90(09, 19, 29, 39, 49, 59) NOT QUALIFIED REMOVED.	PRAVEEN	06JUNE2022
C8	BALLOON NUMBER 17 UPDATED	PRAVEEN	28OCT2021
C7	ADDED PART NUMBER 34861-9009-9059, SHEET 4 DIMENSION UPDATED.	PRAVEEN	10OCT2021
C6	ADDED PART NUMBER 34861-8009/8019/8029 ADDED DIM 16	MSUBHASH	15JULY2021
C4	UPDATED PCB LAYOUT - PIN HOLE DIA	SUDAYGUNAGI	01JULY2020
REV	DESCRIPTION	ENGINEER	DATE

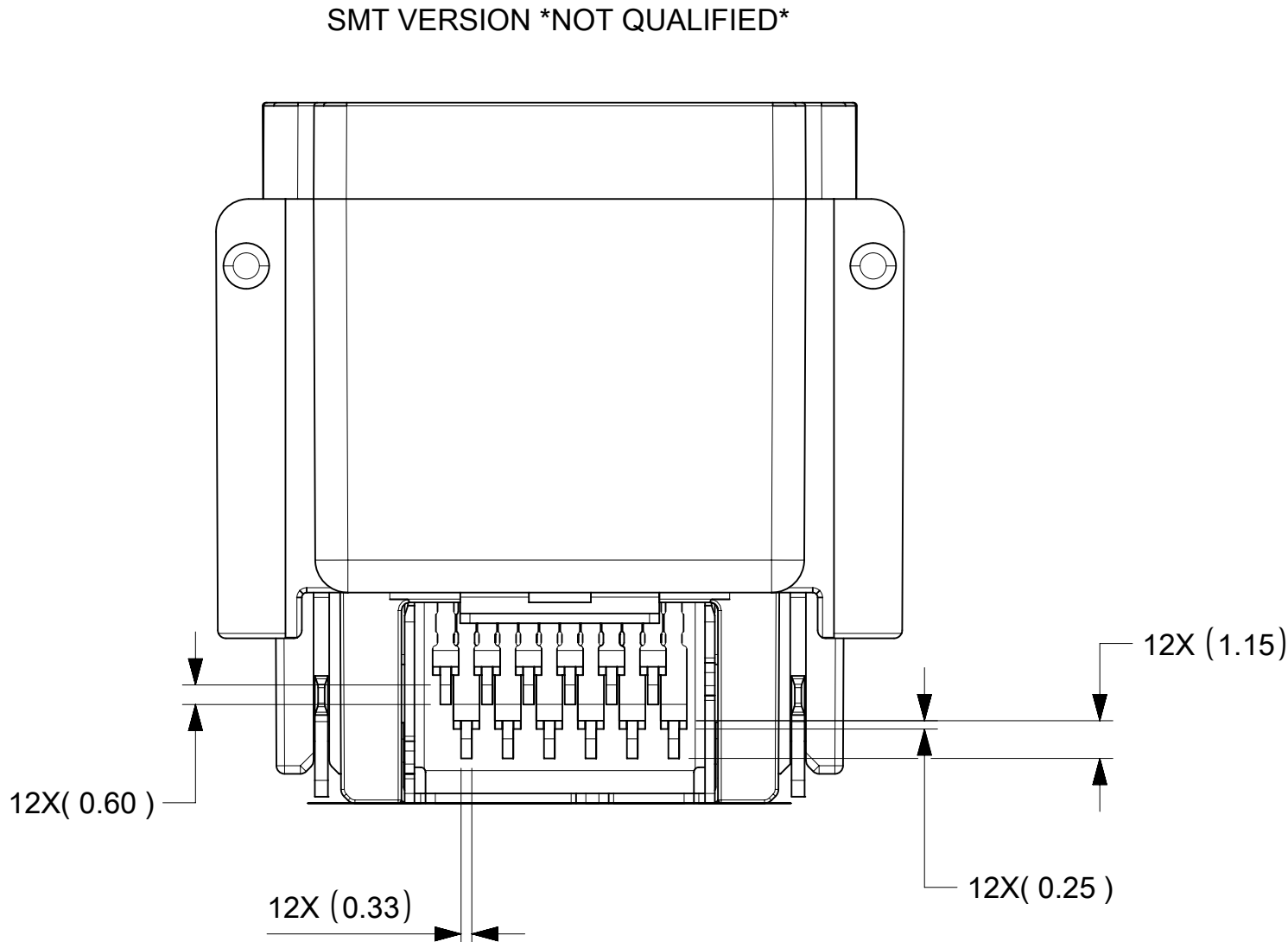
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
mm		5:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 772885 DRWN: PRAVEC22023/11/27 CHK'D: JOEB172024/01/05 APPR: JOEB172024/01/05				12CKT HSALII RIGHT ANGLE HEADER HEADER ASSEMBLY							
ANGULAR TOL ± °															
4 PLACES		±													
3 PLACES		±		INITIAL REVISION: DRWN: XLHE142018/06/25 APPR: DNAYLIS2018/06/27				PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 348611406DOC TYPE PSDDOC PART 000REVISION C11							
2 PLACES		± 0.2													
1 PLACE		±													
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				 		D-SIZE		34861		SEE CHART		GENERAL MARKET		1 OF 4	



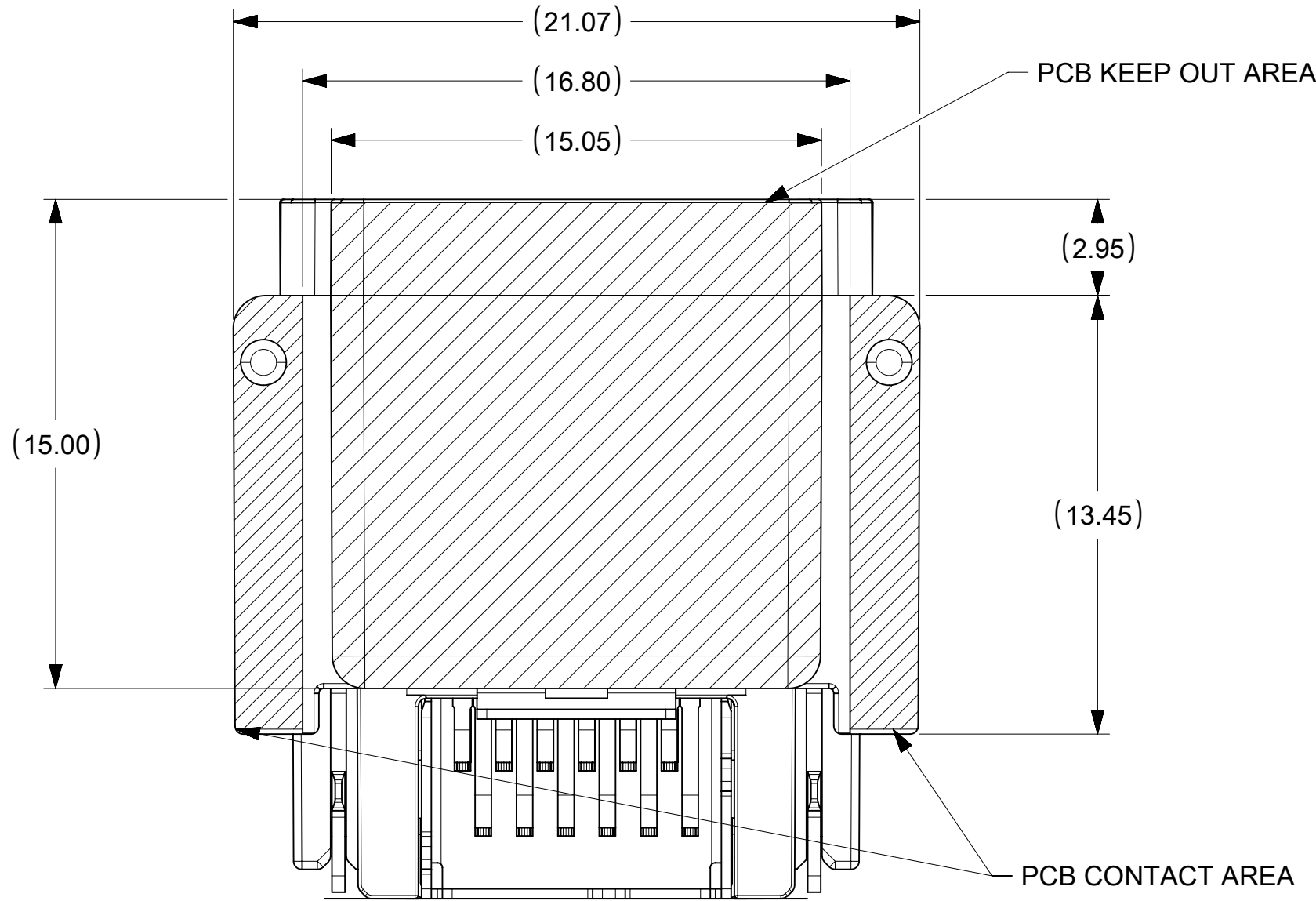
Note:-
* - Balloon Number 14, 15 & 16 is not applicable for 348618009, 8019, 8029, 8039, 8049.



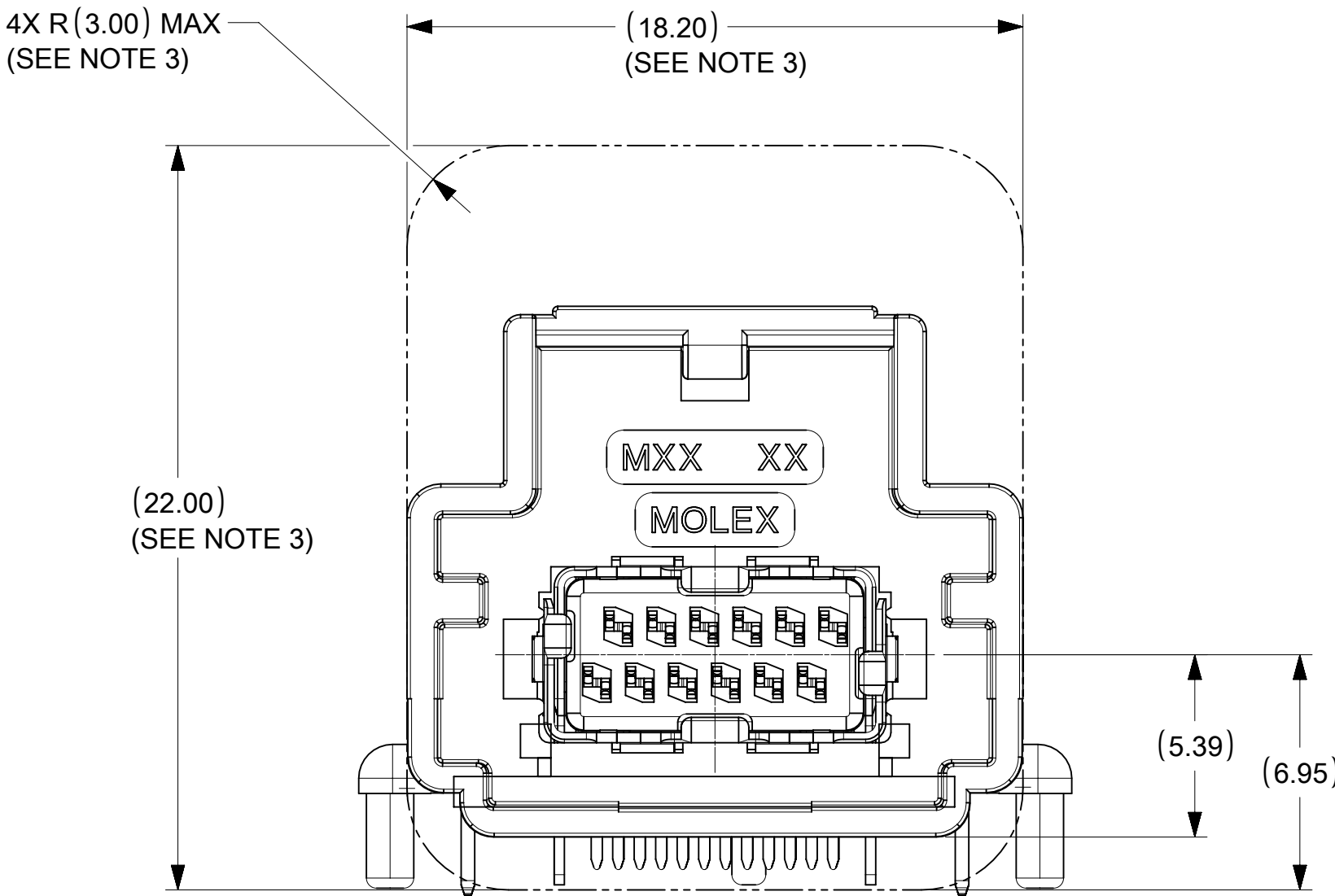
THIS SHIELD TAB IS REMOVED ON
PART NUMBERS 34861-1306, 34861-1316, 34861-1326
34861-7009, 34861-7019, 34861-7029
34861-7059



PCB CLEAROUT REGIONS



HEADER-TO-MODULE INTERFACE REQUIREMENTS



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		5:1		molex 12CKT HSALII RIGHT ANGLE HEADER HEADER ASSEMBLY PRODUCT CUSTOMER DRAWING									
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± °													
4 PLACES ±													
3 PLACES		±		EC NO: 772885 DRWN: PRAVEC2 2023/11/27 CHK'D: JOEB17 2024/01/05 APPR: JOEB17 2024/01/05									
2 PLACES		± 0.2		INITIAL REVISION: DRWN: XLHE14 2018/06/25 APPR: DNAYLIS 2018/06/27									
1 PLACE		±											
0 PLACES		±											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													
THIRD ANGLE PROJECTION  				DRAWING D-SIZE		SERIES 34861		MATERIAL NUMBER SEE SHEET 1		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 4	

molex

12CKT HSALII RIGHT ANGLE HEADER
HEADER ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

348611406

DOC TYPE

PSD

DOC PART

000

REVISION

C11

MATERIAL NUMBER

SEE SHEET 1

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 4

DOCUMENT STATUS

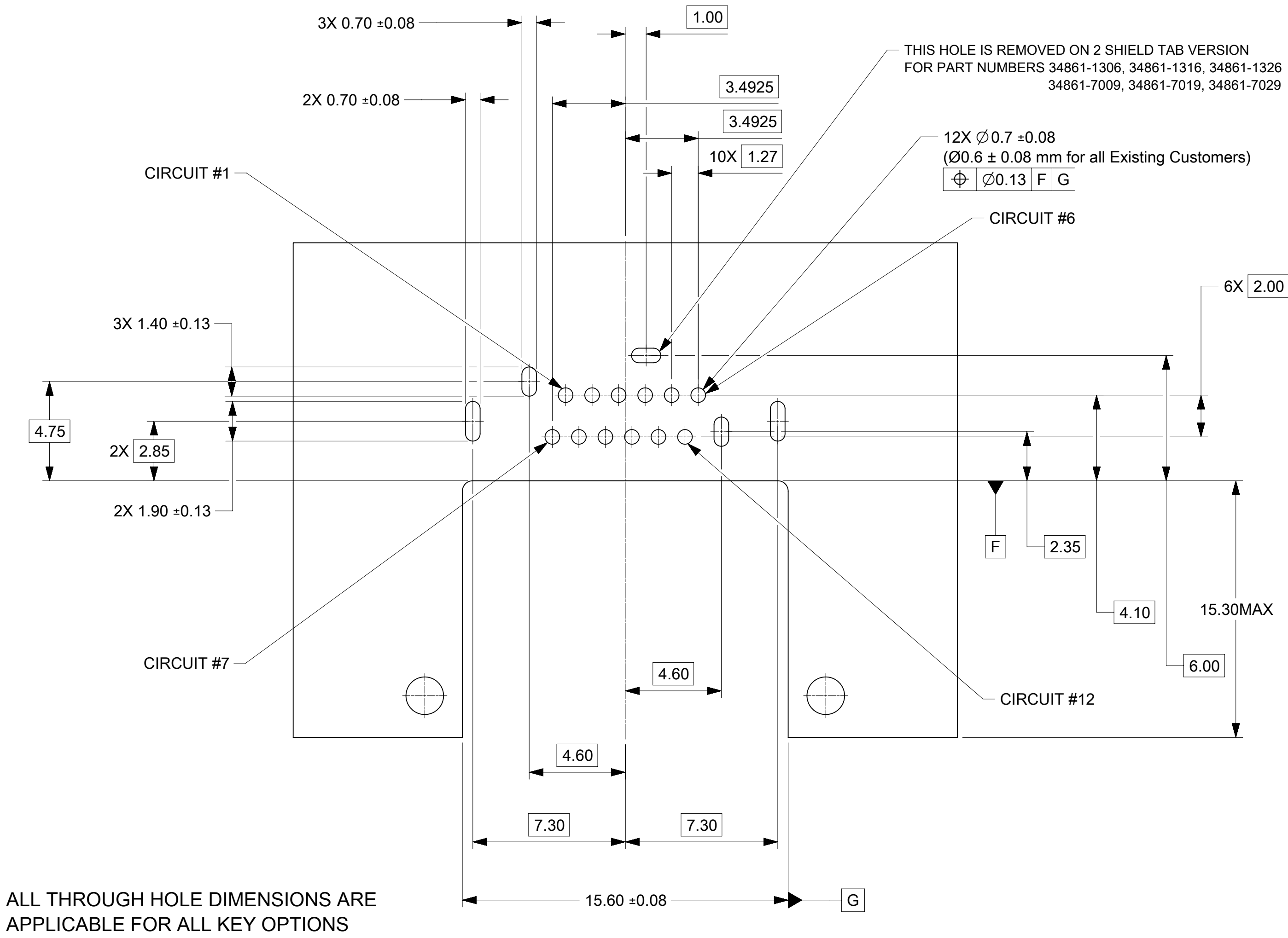
P1

RELEASE DATE

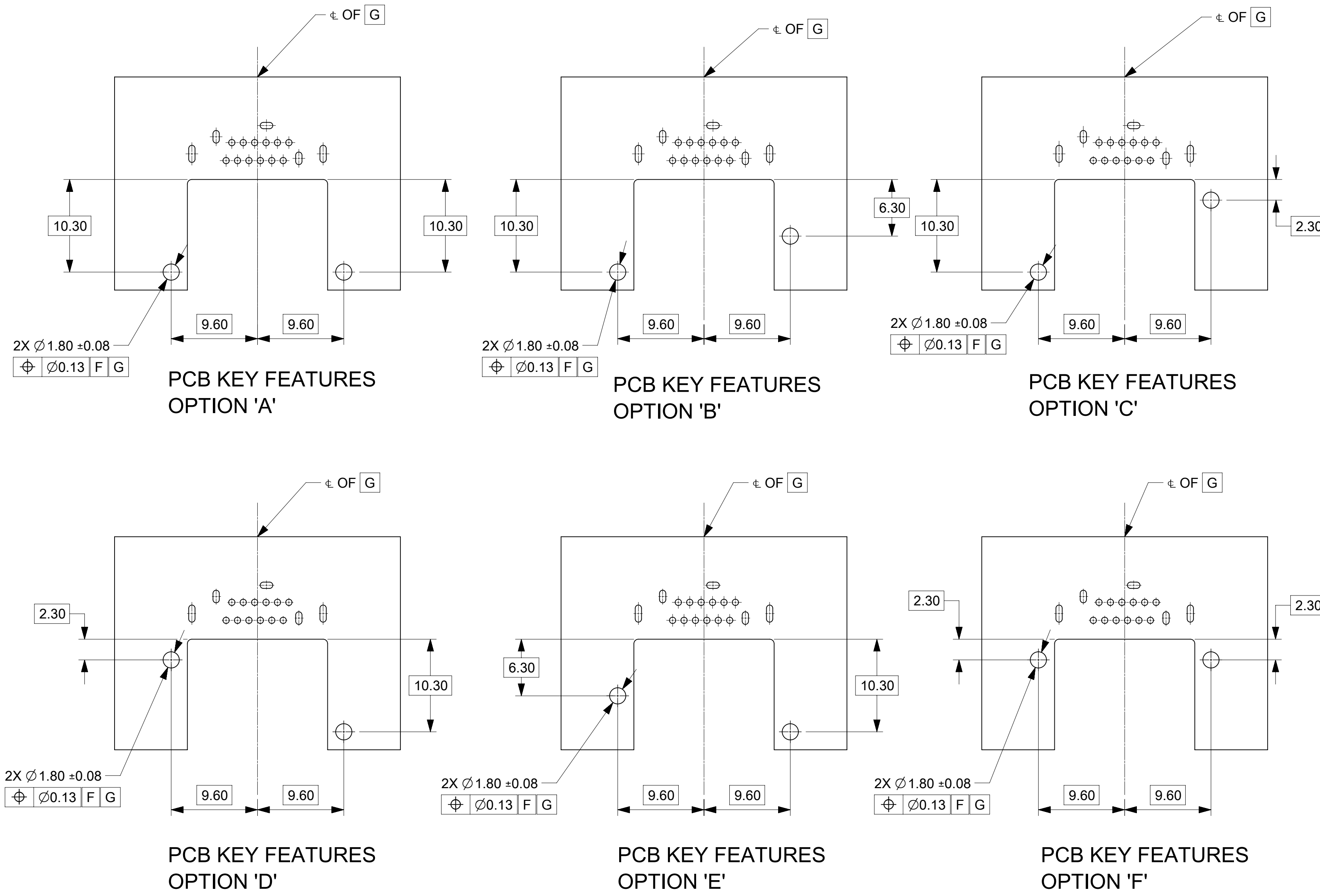
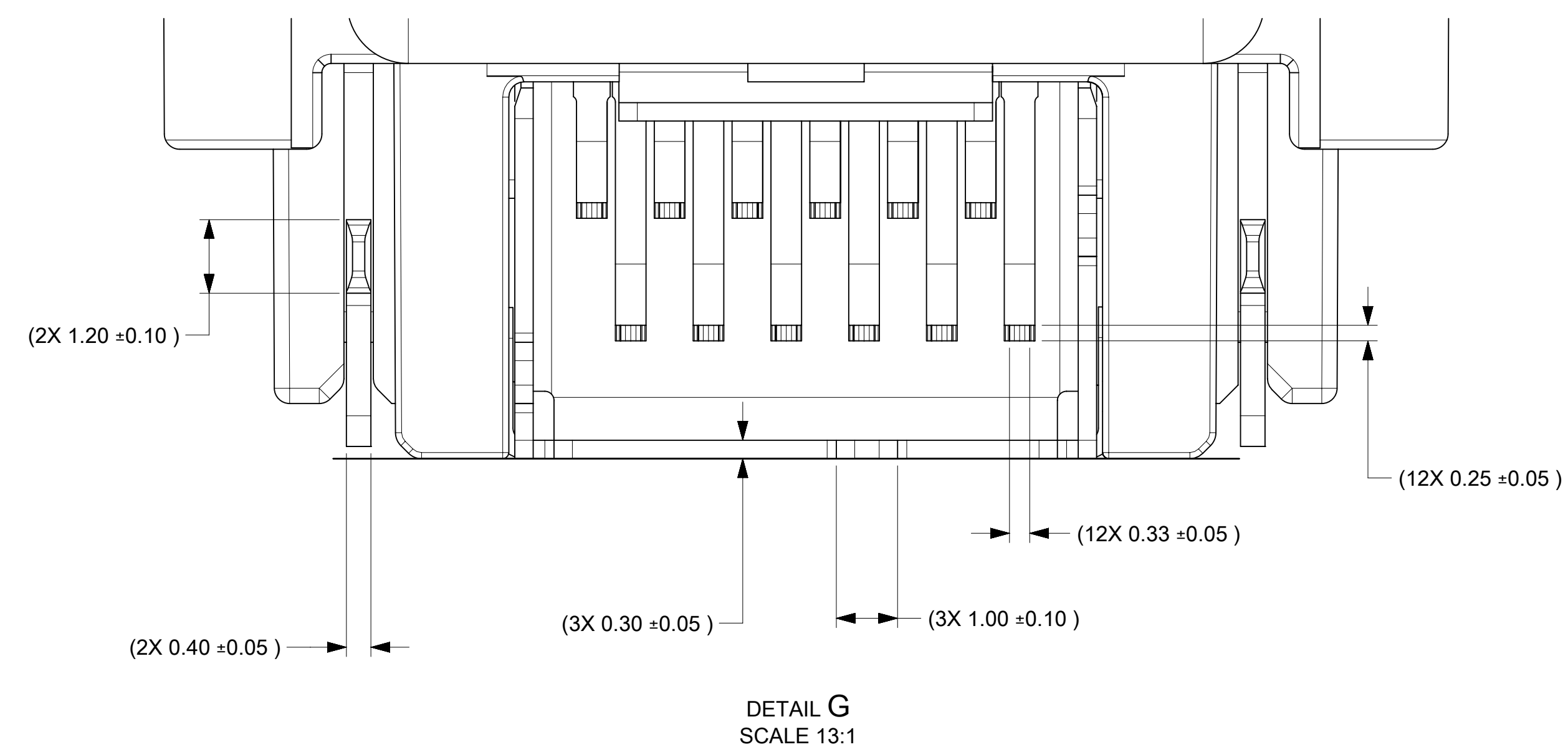
2024/01/05

14:27:53

RECOMMENDED PCB LAYOUT - HEADER SIDE PCB



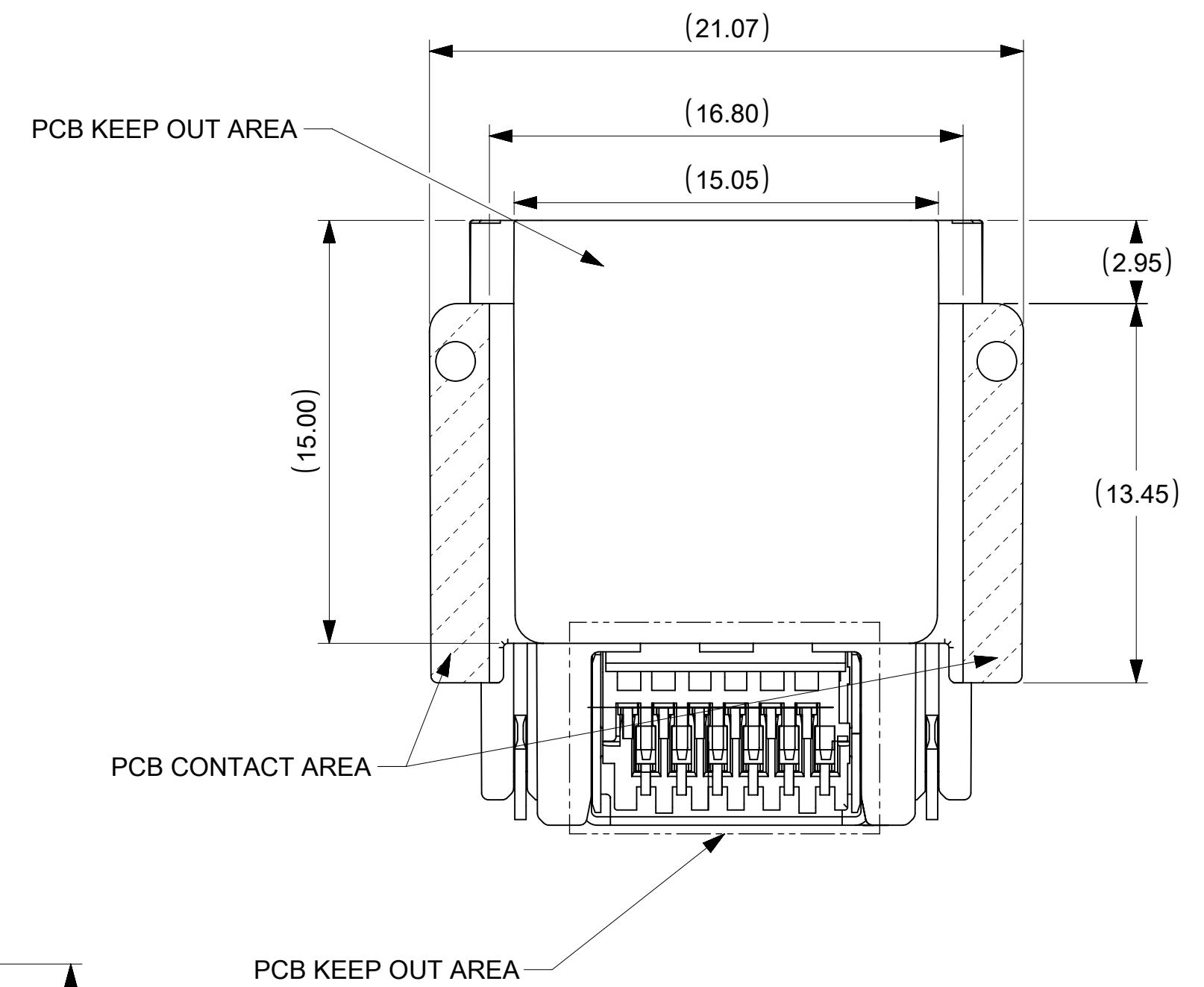
SOLDER TAILS SIZE FOR REFERENCE ONLY



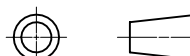
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 772885 DRWN: PRAVEC2 CHK'D: JOEB17 APPR: JOEB17 INITIAL REVISION: DRWN: XLHE14 APPR: DNAYLIS				molex 12CKT HSALII RIGHT ANGLE HEADER HEADER ASSEMBLY							
mm		4:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)								PRODUCT CUSTOMER DRAWING							
ANGULAR TOL ± °															
4 PLACES ±															
3 PLACES ±				2023/11/27				2024/01/05							
2 PLACES ±		0.2		2024/01/05											
1 PLACE ±				2018/06/25				DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION		
0 PLACES ±				2018/06/27				348611406		PSD		000	C11		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		34861		SEE SHEET1		GENERAL MARKET		3 OF 4	

DOCUMENT STATUS	P1	RELEASE DATE	2024/01/05	14:27:53
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SMT VERSION WITH HIGH SPEED INSERTS



KEY OPTION	DIM A
A	10.30
B	6.30
C	2.30

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:			molex								
mm		10:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 772885 DRWN: PRAVEC22023/11/27 CHK'D: JOEB172024/01/05 APPR: JOEB172024/01/05			12CKT HSALII RIGHT ANGLE HEADER HEADER ASSEMBLY								
ANGULAR TOL ± °															
4 PLACES		±					INITIAL REVISION: DRWN: XLHE142018/06/25 APPR: DNYALIS2018/06/27			PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 348611406 DOC TYPE PSD DOC PART 000 REVISION C1					
3 PLACES		±													
2 PLACES		± 0.2													
1 PLACE		±													
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING D-SIZE		SERIES 34861		MATERIAL NUMBER		CUSTOMER GENERAL MARKET		SHEET NUMBER 4 OF 4	

DOCUMENT STATUS	P1	RELEASE DATE	2024/01/05	14:27:53
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