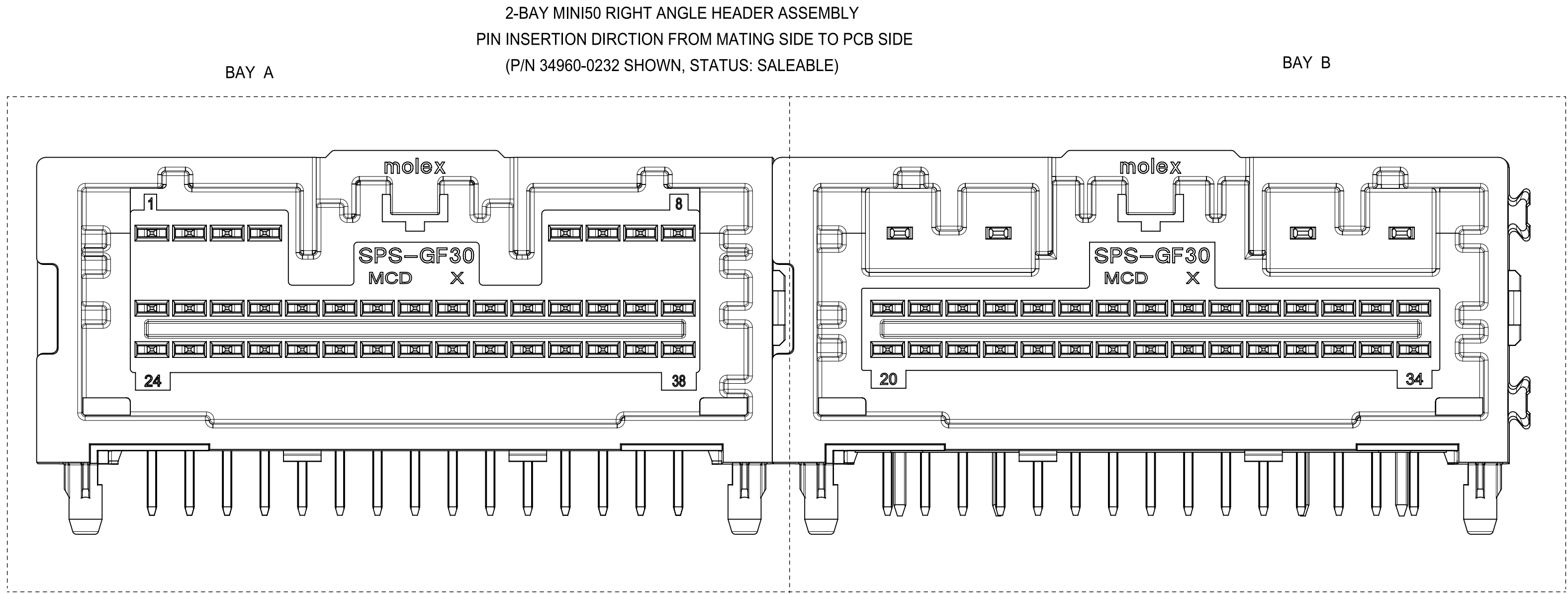
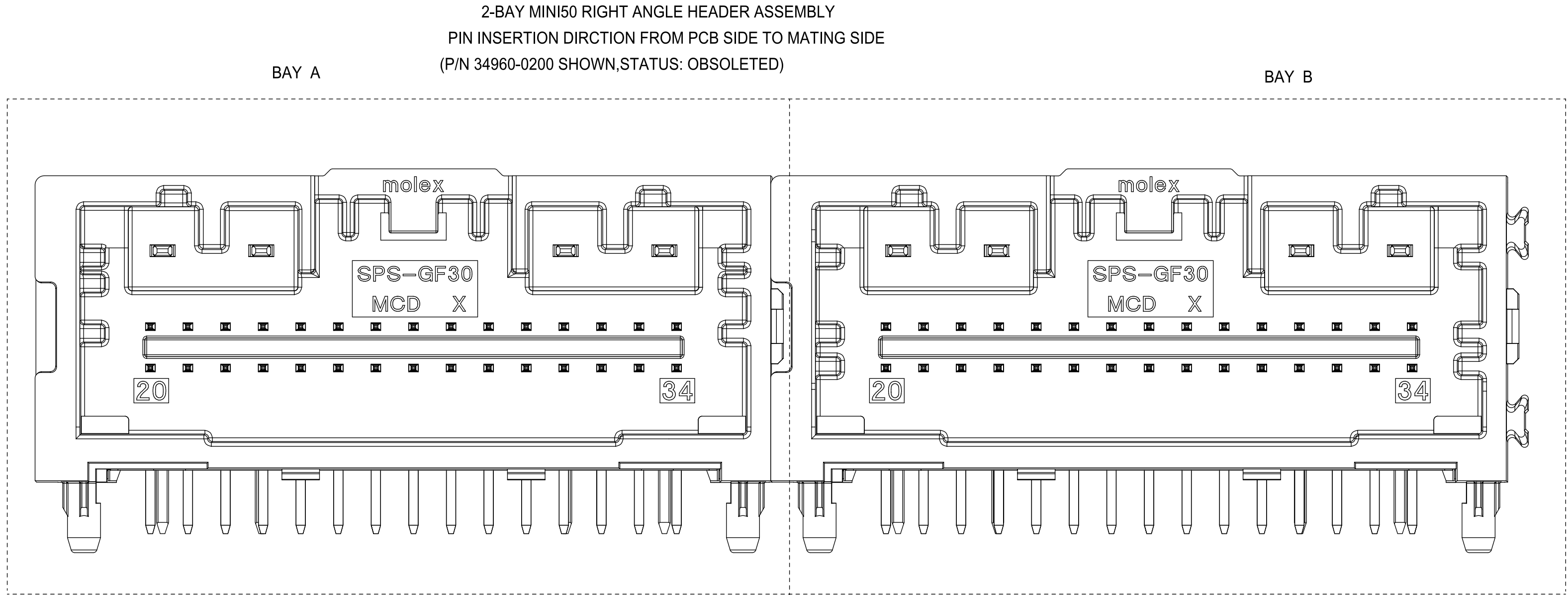


TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES,INSPECTION BALLOON NUMBER LOG, REV.COLUMN, 2-BAY MINI50 RIGHT ANGLE HEADER ASSEMBLY
2	CHART FOR MULTIBAY CONFIGURATION FOR UL94 HB DEPOLULATED HEADER PIN CONFIGURATION
3	CHART FOR MULTIBAY CONFIGURATION FOR UL94 V0 HB/V0 HEADER DIFFERENCE VIEW
4	DETAIL DIMENSION VIEW REFERENCE PCB LAYOUT



DIN 16901	CODE LETTER	NOMINAL DIMENSION RANGE													
		OVER	0	1	3	6	10	15	22	30	40	53	70	90	120
		UP TO	1	3	6	10	15	22	30	40	53	70	90	120	160
PRECISION ENGINEERING	A		±0.10	±0.12	±0.14	±0.16	±0.20	±0.22	±0.24	±0.26	±0.28	±0.31	±0.35	±0.40	±0.50
	B		±0.05	±0.06	±0.07	±0.08	±0.10	±0.12	±0.14	±0.16	±0.18	±0.21	±0.25	±0.30	±0.40
A: FOR NON-MOLD RELATED DIMENSIONS (ACROSS PARTING LINE)															
B: FOR MOLD RELATED DIMENSIONS (WITHIN MOLD COMPONENTS)															

INSPECTION BALLOON NUMBER LOG															
PER DRAWING REVISION: B10															
LAST BALLOON NUMBER USED: 6a															
ADDED BALLOON NUMBERS:															
REMOVED BALLOON NUMBERS:															

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

- a. PRODUCT SPECIFICATION:
HB:PS-34959-001
V0:2133550000-PS
- b. APPLICATION SPECIFICATION: AS-34959-001
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31302-070 (TRAY)
- d. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31301-688 (TUBE)
- e. PACKAGING SPECIFICATION PER MOLEX DRAWING 349600232-PK (SMALL TRAY) B10
- f. COSMETIC SPECIFICATION: PS-45499-002 Class B
- g. GEOMETRIC TOLERANCING: SEE DIN 16901 TABLE
- h. MATES WITH: SD-34959-030

2. DESIGN: MATERIALS:

a. SHROUD (PLASTIC HOUSING):

HB RESIN - SPS

V0 RESIN - SPS

b. PIN ALIGNMENT PLATE:

i. HB RESIN - SPS

V0 RESIN - SPS

ii. COLOR - BLACK

c. 0.50mm BLADES:

i. BASE MATERIAL: BRASS

ii. PLATING TYPE: AS NOTED

d. 1.20mm BLADES:

i. BASE MATERIAL: BRASS

ii. PLATING TYPE: AS NOTED

3. PLATING REQUIREMENTS:

a. UNDERPLATING - OVERALL NICKEL

b. OVERPLATING - OVERALL REFLOW TIN

4. FOR DESCRIPTION OF INDIVIDUAL BAYS, REFER TO THE FOLLOWING

SINGLE BAY DRAWINGS:

a. PART NUMBER: 34961-03XX, REFER TO SD-34961-030

b. PART NUMBER: 34961-13XX, REFER TO SD-34961-130

c. PART NUMBER: 213355XXXX, REFER TO SD-34961-030

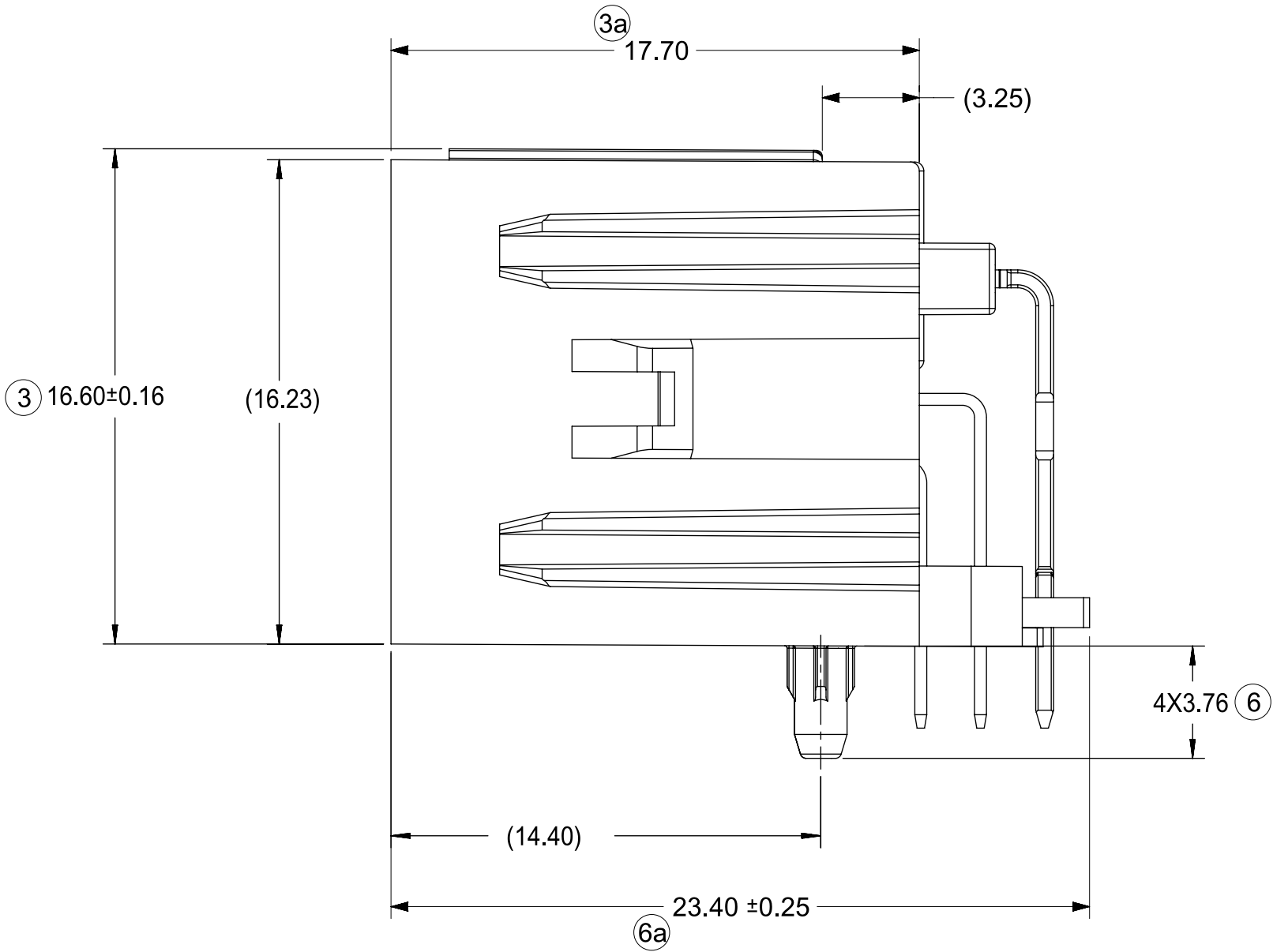
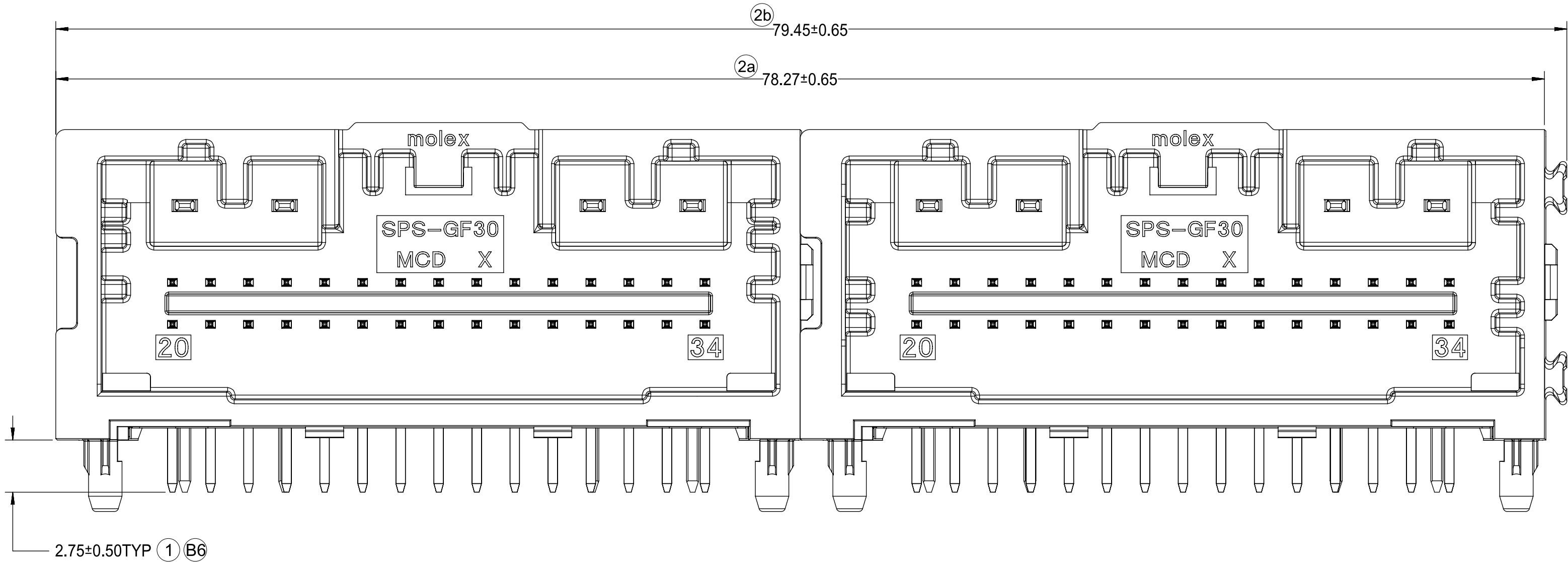
B10	SHEET 1: ADDED NEW SMALL TRAY PKG IN NOTE SHEET 2&3: ADDED NEW HEADER PART NUMBER OF NEW SMALL TRAY PKG	
B9	OBSOLETED PART NUMBERS 34960-0200, 34960-0231, 34960-0251, 34960-0271, 34960-7291	
B8	SHEET 2: ADDED NEW PART NUMBER IN CHART SHEET 2: UPDATED PRODUCT STATUS IN CHART	CO-0000003185
B7	SHEET 1: ADDED NEW PART NUMBER IN CHART	CO-000002186
B6	1.SHEET 1:UPDATED NOTES 2.SHEET 2:ADDED FLAMMABILITY UL94 DESCRIPTION IN FORM 3.SHEET 3:ADDED NEW PART NUMBER :3001960200 4.SHEET 3:ADDED SHEET 3 TO SHOW HB / V0 VERSION DIFFERENCE 5.SHEET 4:UPDATED DIM 1: 2.75±0.50 WAS 2.74±0.50	CO-000001013
B5	CREATED NEW REVISION TO UPLOAD DRAWING IN MDS SYSTEM	CO-000000910
B4	SHEET 1: ADDED VIEW OF 2BAY DIFFERENET PIN INSERTION DIRCTION'S HEADER SHEET 2: ADDED NEW PART NUMBER	CO-000000910
B3	1. SHEET 1: UPDATED NOTES INFORMATION 2. SHEET 2: ADDED NEW PART NUMBER 34960-7281, 34960-0281, 34960-7291 3. SHEET 2: ADDED NEW PART NUMBER PIN CONFIGURATION INFORMATION 4. SHEET 3: ADDED DIM 3a, DIM 6a 5. SHEET 3: REMOVED DIM 2 , DIM 4, DIM5, DIM 7	663659
B2	1. OBSOLETED PART NUMBER: 34960-0210; 34960-0220; 34960-0240; 34960-0250 2. ADDED NEW DIMENSION ITEM 2a & 2b IN SHEET 3 3. ADDED SHEET 2 TO SHOW DEPOLULATED HEADER PIN CONFIGURATION AND DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION 4. REMOVED BALLOON NUMBER:8,9,10,11 IN SHEET 3 5. ADDED HOLE DIMENSION F IN PCB LAYOUT IN SHEET 3	640173
B1	ADDED NEW PART NUMBER: 34960-0271 IN THE CHART ON SHEET 1	623488
B	1. OBSOLETED PART NO 349600230 2. ADDED NEW NUMBER: 34960-0261 IN THE CHART ON SHEET 1	618118
A10	ADDED NEW P/N: 34961-7261 IN THE BOM ON SHEET 1.	611155
A9	ADDED NEW P/N: 34960-0211 \ 34960-0221 \ 34960-0231 34960-0241\34960-0251 IN THE BOM ON SHEET 1. ADDED PRODUCT STATUS IN THE BOM ON SHEET 1.	606688
REV	REV DESCRIPTION	ECN SAP NO.

FUNCTIONAL SYMBOLS FA= 0 FC= 0 FD= 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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#512606.			molex 34 & 38 CKT MINI50 2-BAY R/A HEADER ASSEMBLY SALES DRAWING PRODUCT SALES DRAWING DOCUMENT NUMBER SD-34960-0200 DOC TYPE PSD DOC PART 001 REVISION B10							
	MM		5:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 0.5°														
	4 PLACES		±		STATUS: Production DRWN: Gang Li 2024-02-22 CHK'D: Ringo Hu 2024-03-27 APPR: Colin Zhang 2024-03-28										
	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	
						D-SIZE		34960		SEE TABLE		GENERAL MARKET		1 OF 4	

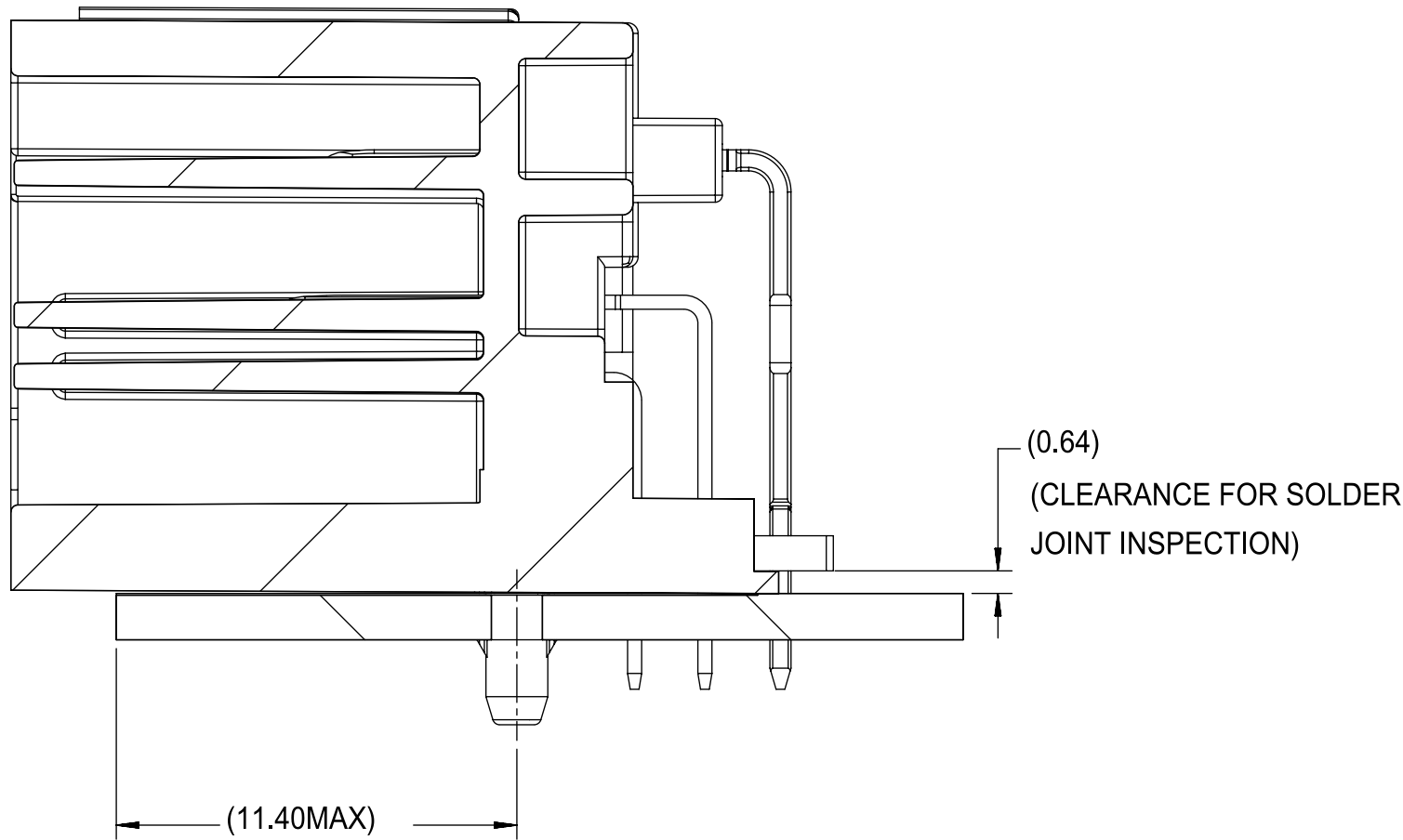
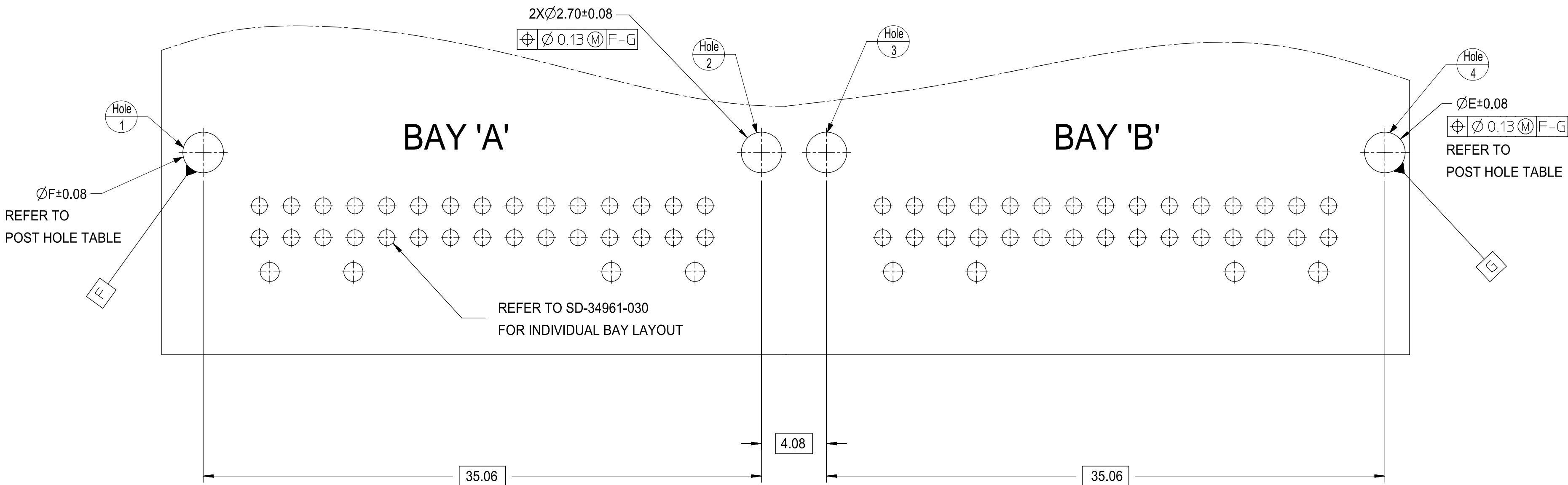
STATUS: Production
DRWN: Gang Li
CHK'D: Ringo Hu
APPR: Colin Zhang

2024-02-22
2024-03-27
2024-03-28

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SHEET NO.	SHEET DESCRIPTION
4	DETAIL DIMENSION VIEW REFERENCE PCB LAYOUT



RECOMMENDED PCB LAYOUT



FLUSH MOUNTING
HEADER-TO-PCB

Partial1
SCALE 5:1

POST HOLE TABLE:

FOR DIM	E	F
PRESS FIT:	2.30	2.30
DROP IN:	2.85	2.65

FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#512606.	
	DIMENSION UNITS MM	SCALE 1:1		
	GENERAL TOLERANCES (UNLESS SPECIFIED)			
	ANGULAR TOL ± 0.5°			
	4 PLACES ±			
3 PLACES ±				
2 PLACES ±				
1 PLACE ±				
0 PLACES ±				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 6	DRAWING D-SIZE	SERIES 34960
		STATUS: Production DRWN: Gang Li CHK'D: Ringo Hu APPR: Colin Zhang		2024-02-22 2024-03-27 2024-03-28
		DOCUMENT NUMBER SD-34960-0200		DOC TYPE PSD
		CUSTOMER GENERAL MARKET		DOC PART 001
		SHEET NUMBER 4 OF 4		REVISION B10

molex

34 & 38 CKT MINI50 2-BAY
R/A HEADER ASSEMBLY SALES DRAWING

PRODUCT SALES DRAWING