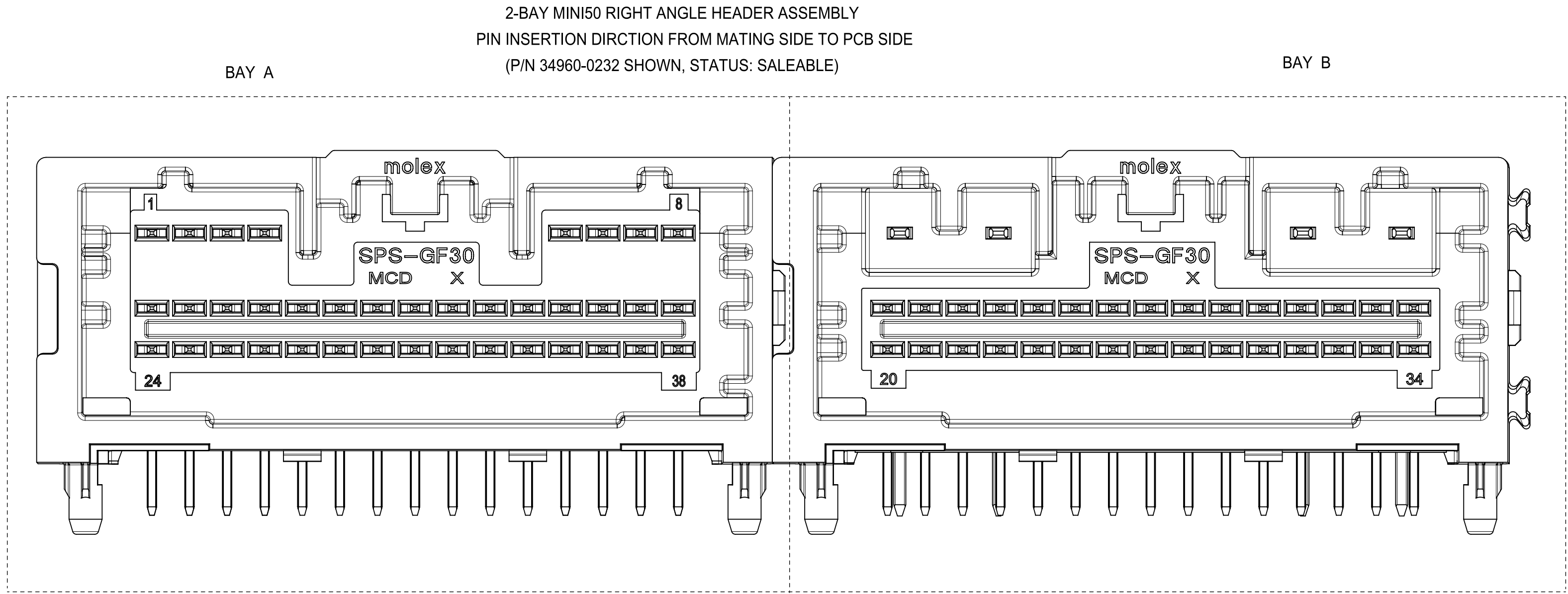
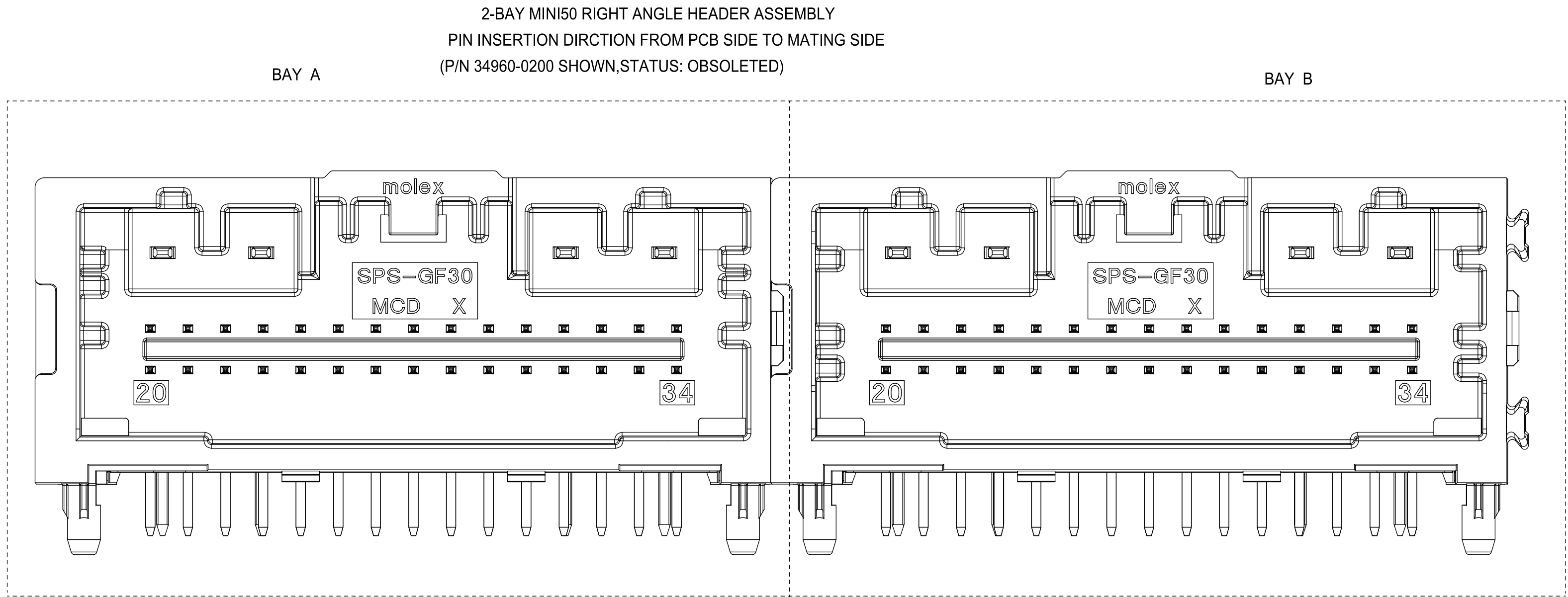


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SHEET NO.	SHEET DESCRIPTION
1	NOTES,INSPECTION BALLOON NUMBER LOG, REV.COLUMN, 2-BAY MINI50 RIGHT ANGLE HEADER ASSEMBLY
2	CHART FOR MULTIBAY CONFIGURATION FOR UL94 HB DEPOLULATED HEADER PIN CONFIGURATION
3	CHART FOR MULTIBAY CONFIGURATION FOR UL94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



DIN 16901	CODE LETTER	NOMINAL DIMENSION RANGE													
		OVER UP TO	0	1	3	6	10	15	22	30	40	53	70	90	120
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: B8															
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. COSMETIC SPECIFICATION: PS-45499-002 Class B
- f. GEOMETRIC TOLERANCING: SEE DIN 16901 TABLE
- g. 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

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		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
FA FC FP = 0 = 0 = 0 DIVISIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: REFER TO REVISION COLUMN									
		mm		5:1											
		GENERAL TOLERANCES (UNLESS SPECIFIED)													
		ANGULAR TOL ± 0.5°													
		4 PLACES		±											
		3 PLACES		±		STATUS: Production DRWN: Shanks Wu2023-05-04 CHK'D: Ringo Hu2023-05-19 APPR: Colin Zhang2023-05-31									
		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				GENERAL MARKET		1 OF 4	
		DOCUMENT NUMBER SD-34960-0200 DOC TYPE PSD DOC PART 001 REVISION B8 PRODUCT SALES DRAWING 34 & 38 CKT MINI50 2-BAY R/A HEADER ASSEMBLY SALES DRAWING molex													

	19		18		17		16		15		14		13		12		11		10		9		8		7		6		5		4		3		2		1
		TABLE OF CONTENTS																																			
SHEET NO.		SHEET DESCRIPTION																																			
2		CHART FOR MULTIBAY CONFIGURATION FOR UL94 HB DEPOLULATED HEADER PIN CONFIGURATION																																			

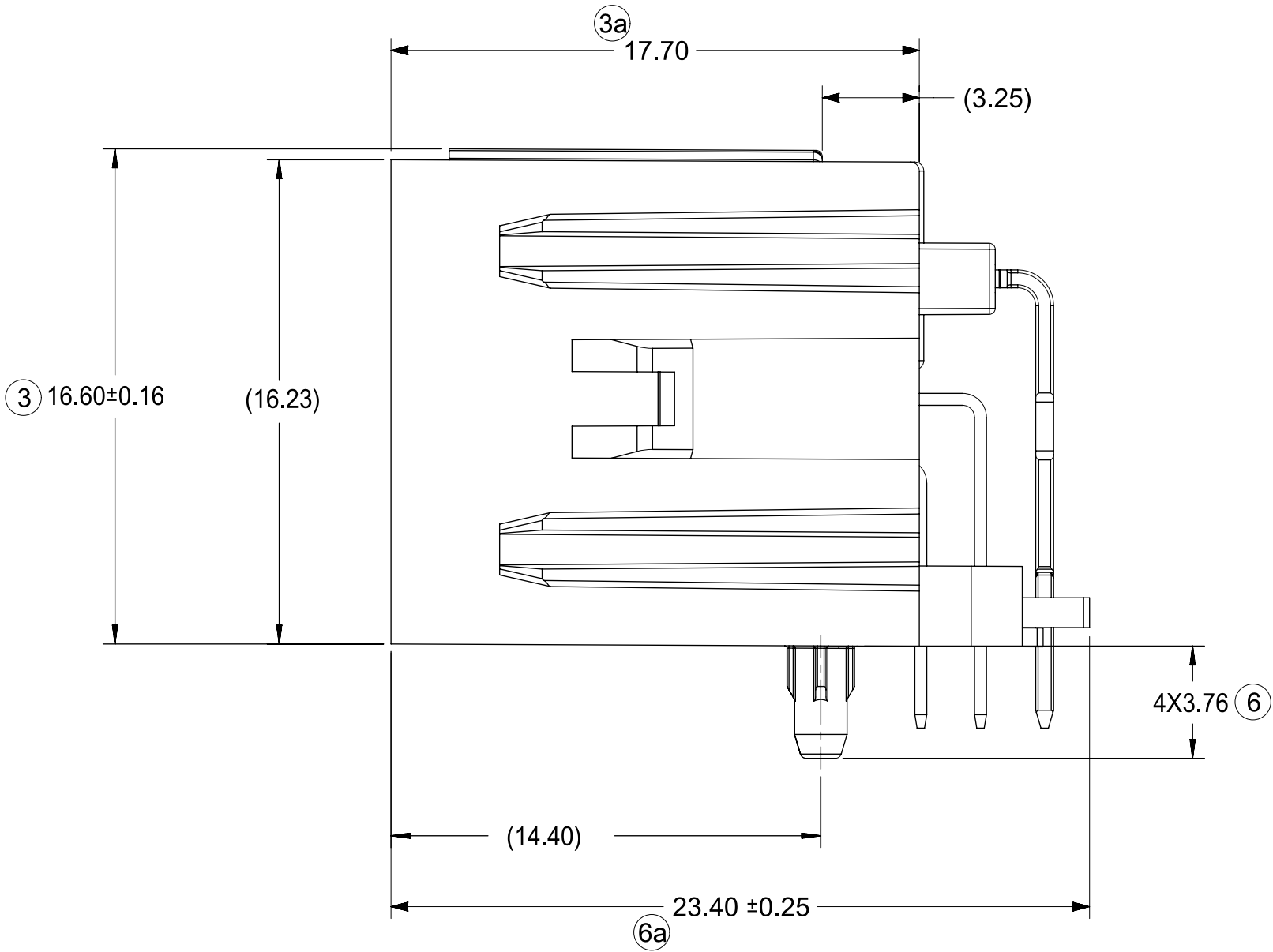
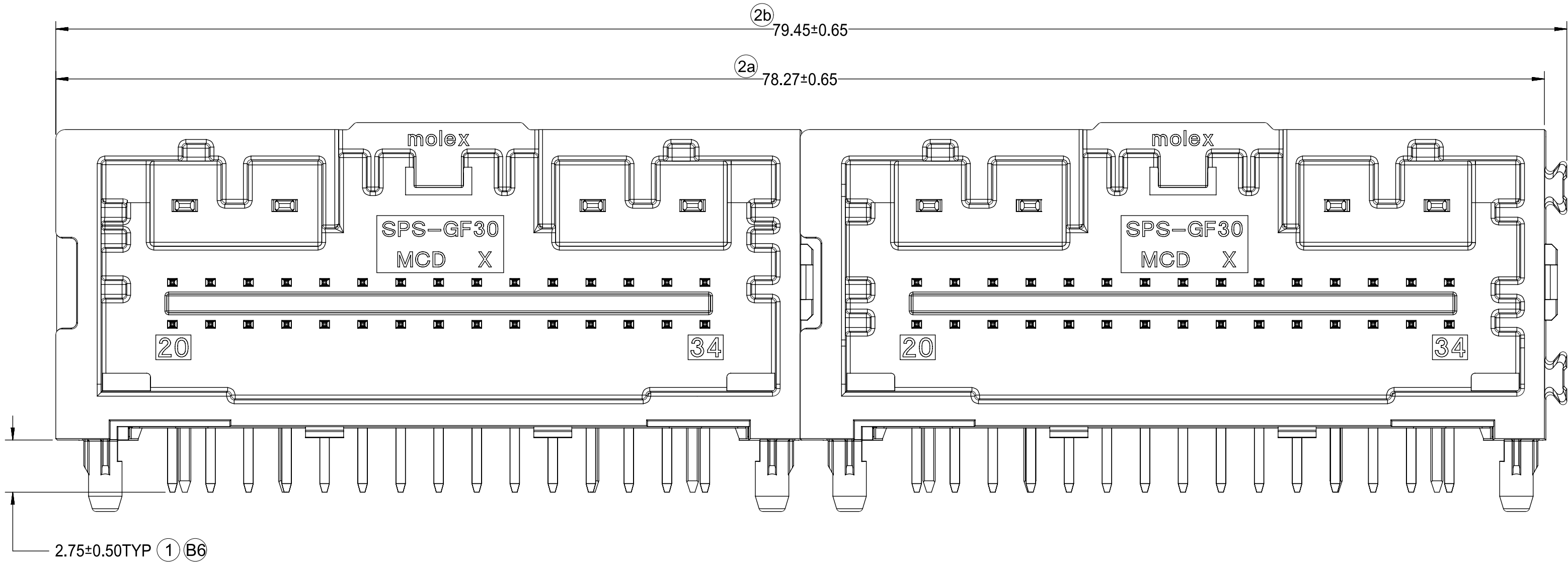
CHART FOR MULTIBAY CONFIGURATION(HB VERSION):

2 BAY PART NUMBER (TUBE PKG)	2 BAY PART NUMBER (TRAY PKG)	BAY A							BAY B							STATUS
		P/N	INTERFACE TYPE	POL	COLOR	QT'Y OF PINS	FLAMMABILITY UL94	P/N	INTERFACE TYPE	POL	COLOR	QT'Y OF PINS	FLAMMABILITY UL94			
	TBD	34960-0200	34961-0340	34CKT	A	BLACK	34	HB	34961-0341	34CKT	B	GREY	34	HB	OBSOLETED	
	TBD	34960-0210	34961-0380	38CKT	A	BLACK	38	HB	34961-0381	38CKT	B	GREY	38	HB	OBSOLETED	
	TBD	34960-0220	34961-0340	34CKT	A	BLACK	34	HB	34961-0381	38CKT	B	GREY	38	HB	OBSOLETED	
	TBD	34960-0230	34961-0380	38CKT	A	BLACK	38	HB	34961-0341	34CKT	B	GREY	34	HB	OBSOLETED	
	TBD	34960-0240	34961-0381	38CKT	B	GREY	38	HB	34961-0380	38CKT	A	BLACK	38	HB	OBSOLETED	
	TBD	34960-0250	34961-0381	38CKT	B	GREY	38	HB	34961-0382	38CKT	C	DK GREY	38	HB	OBSOLETED	
	TBD	34960-0211	34961-0383	38CKT	UPDATED A	BLACK	38	HB	34961-0384	38CKT	UPDATED B	GREY	38	HB	OBSOLETED	
	TBD	34960-0221	34961-0340	34CKT	A	BLACK	34	HB	34961-0384	38CKT	UPDATED B	GREY	38	HB	OBSOLETED	
	TBD	34960-0231	34961-0383	38CKT	UPDATED A	BLACK	38	HB	34961-0341	34CKT	B	GREY	34	HB	OBSOLETED	
	TBD	34960-0241	34961-0384	38CKT	UPDATED B	GREY	38	HB	34961-0383	38CKT	UPDATED A	BLACK	38	HB	OBSOLETED	
	TBD	34960-0251	34961-0384	38CKT	UPDATED B	GREY	38	HB	34961-0385	38CKT	UPDATED C	DK GREY	38	HB	OBSOLETED	
★	34960-7261	34960-0261	34961-1394	38CKT	UPDATED A	BLACK	31	HB	34961-1395	38CKT	UPDATED B	GREY	14	HB	OBSOLETED	
	TBD	34960-0271	34961-0341	34CKT	B	GREY	34	HB	34961-0340	34CKT	A	BLACK	34	HB	OBSOLETED	
★	34960-7281	34960-0281	34961-1344	34CKT	A	BLACK	32	HB	34961-1345	34CKT	B	GREY	32	HB	OBSOLETED	
★	34960-7291	TBD	34961-1386	38CKT	C	DK GREY	34	HB	34961-1344	34CKT	A	BLACK	32	HB	OBSOLETED	
Ⓟ	34960-7202	34960-0202	34961-0343	34CKT	A	BLACK	34	HB	34961-0344	34CKT	B	GREY	34	HB	SALEABLE	
Ⓟ	34960-7212	34960-0212	34961-0386	38CKT	UPDATED A	BLACK	38	HB	34961-0387	38CKT	UPDATED B	GREY	38	HB	SALEABLE	
Ⓟ	34960-7222	34960-0222	34961-0343	34CKT	A	BLACK	34	HB	34961-0387	38CKT	UPDATED B	GREY	38	HB	SALEABLE	
Ⓟ	34960-7232	34960-0232	34961-0386	38CKT	UPDATED A	BLACK	38	HB	34961-0344	34CKT	B	GREY	34	HB	SALEABLE	
Ⓟ	34960-7242	34960-0242	34961-0387	38CKT	UPDATED B	GREY	38	HB	34961-0386	38CKT	UPDATED A	BLACK	38	HB	SALEABLE	
Ⓟ	34960-7252	34960-0252	34961-0387	38CKT	UPDATED B	GREY	38	HB	34961-0388	38CKT	UPDATED C	DK GREY	38	HB	SALEABLE	
★	34960-7262	34960-0262	34961-1387	38CKT	UPDATED A	BLACK	31	HB	34961-1388	38CKT	UPDATED B	GREY	14	HB	SALEABLE	
Ⓟ	34960-7272	34960-0272	34961-0344	34CKT	B	GREY	34	HB	34961-0343	34CKT	A	BLACK	34	HB	SALEABLE	
★	34960-7282	34960-0282	34961-1350	34CKT	A	BLACK	32	HB	34961-1351	34CKT	B	GREY	32	HB	SALEABLE	
★	34960-7292	TBD	34961-1393	38CKT	C	DK GREY	34	HB	34961-1350	34CKT	A	BLACK	32	HB	SALEABLE	

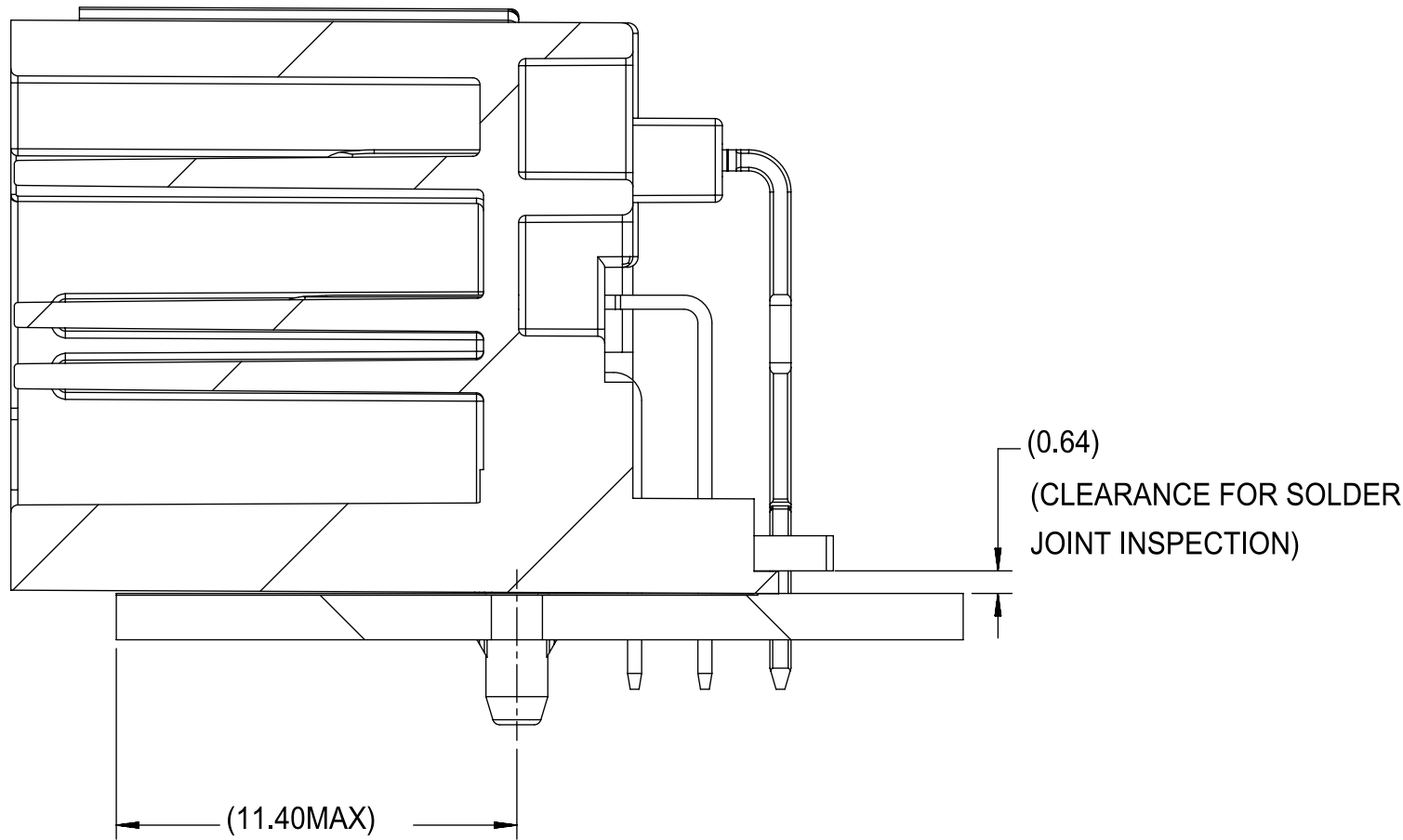
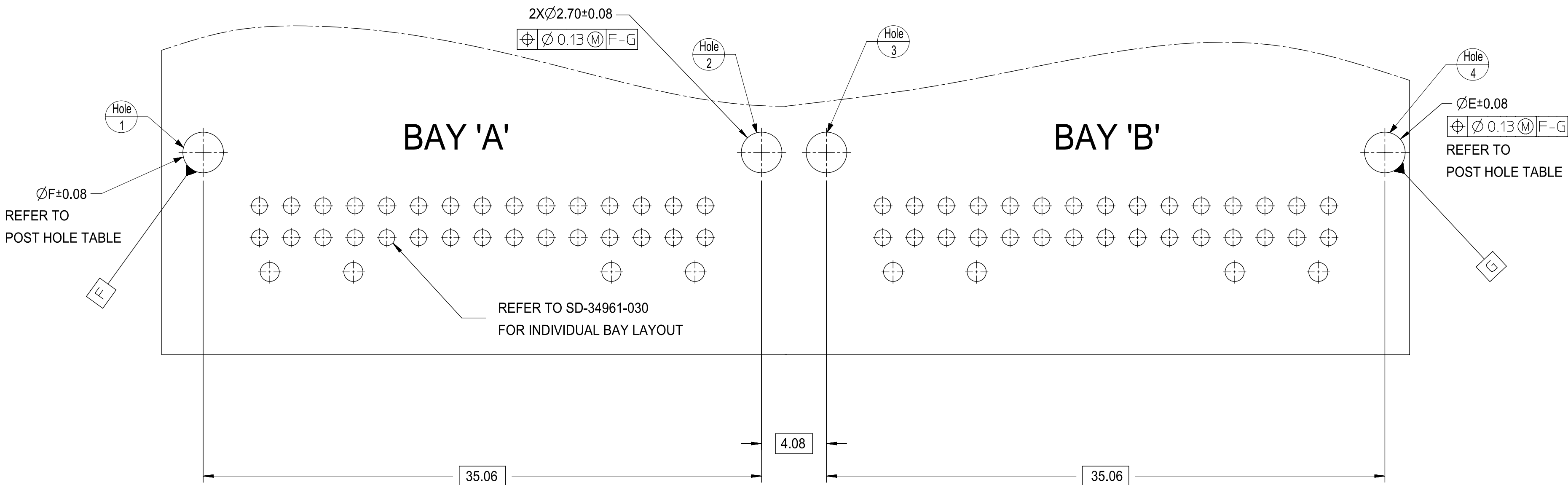
★ 34CKT DEPOLULATED HEADER PIN CONFIGURATION

PART NUMBER	POL	COLOR	0.50mm PIN INSERTION DIRCTION	PIN CONFIGURATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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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 F/A = 0 F/C = 0 F/P = 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: REFER TO REVISION COLUMN	
	DIMENSION UNITS	SCALE		
	mm	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	DRAWING	SERIES
			D-SIZE	34960
		STATUS: Production DRWN: Shanks Wu CHK'D: Ringo Hu APPR: Colin Zhang		
		2023-05-04 2023-05-19 2023-05-31		
		DOCUMENT NUMBER		
		SD-34960-0200		
		DOC TYPE		
		PSD		
		DOC PART		
		001		
		REVISION		
		B8		
		MATERIAL NUMBER		
		CUSTOMER		
		GENERAL MARKET		
		SHEET NUMBER		
		4 OF 4		

molex

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

PRODUCT SALES DRAWING