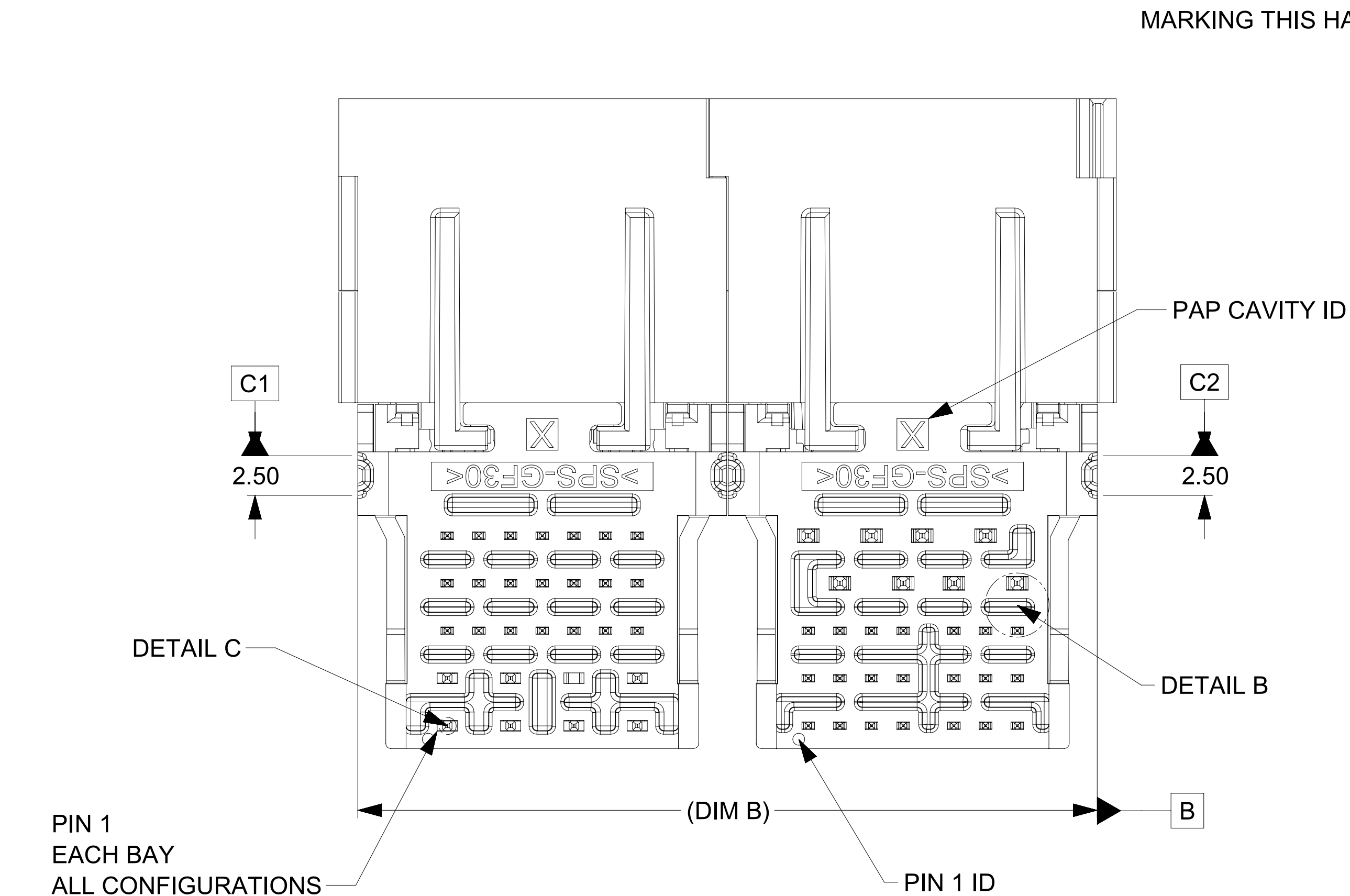
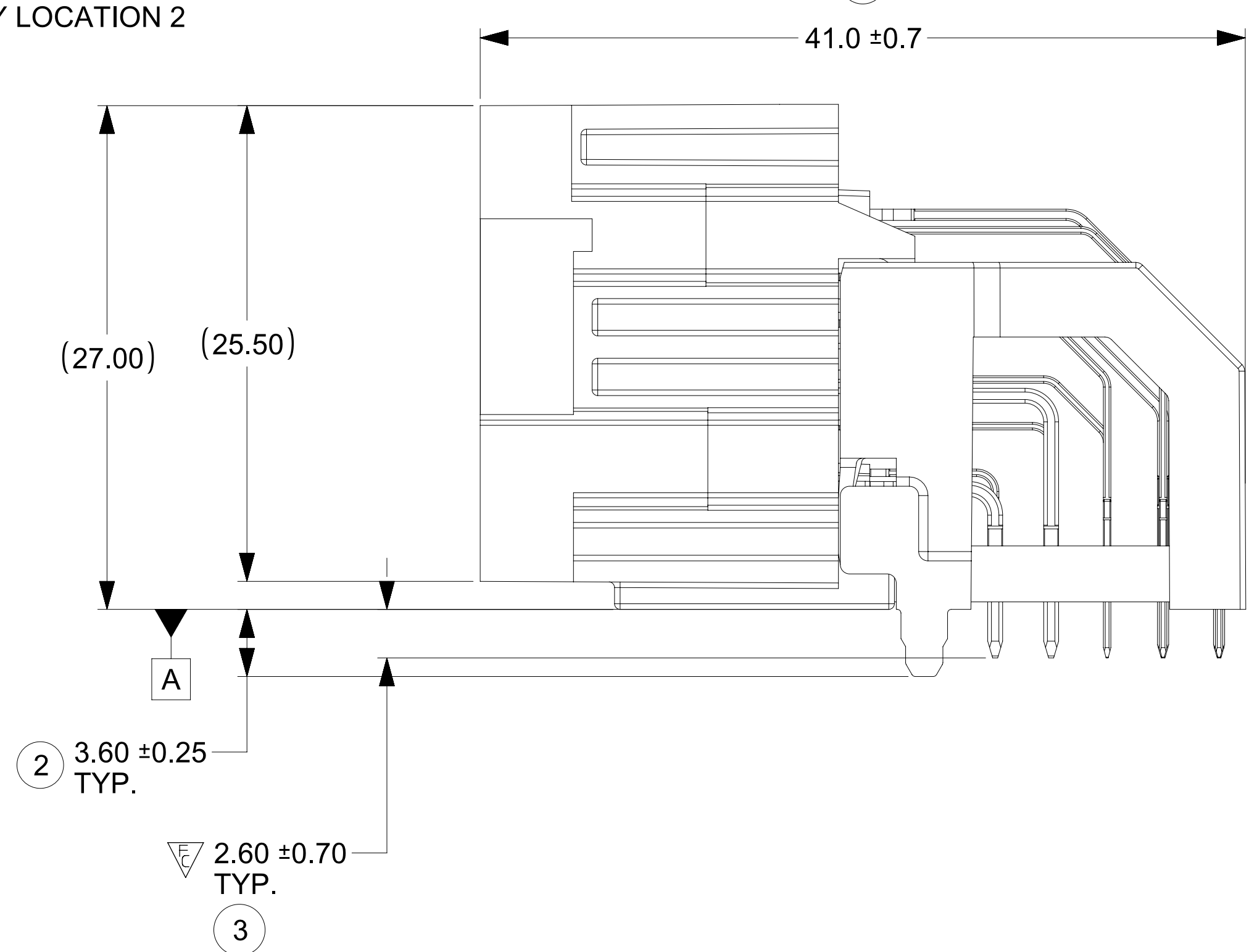
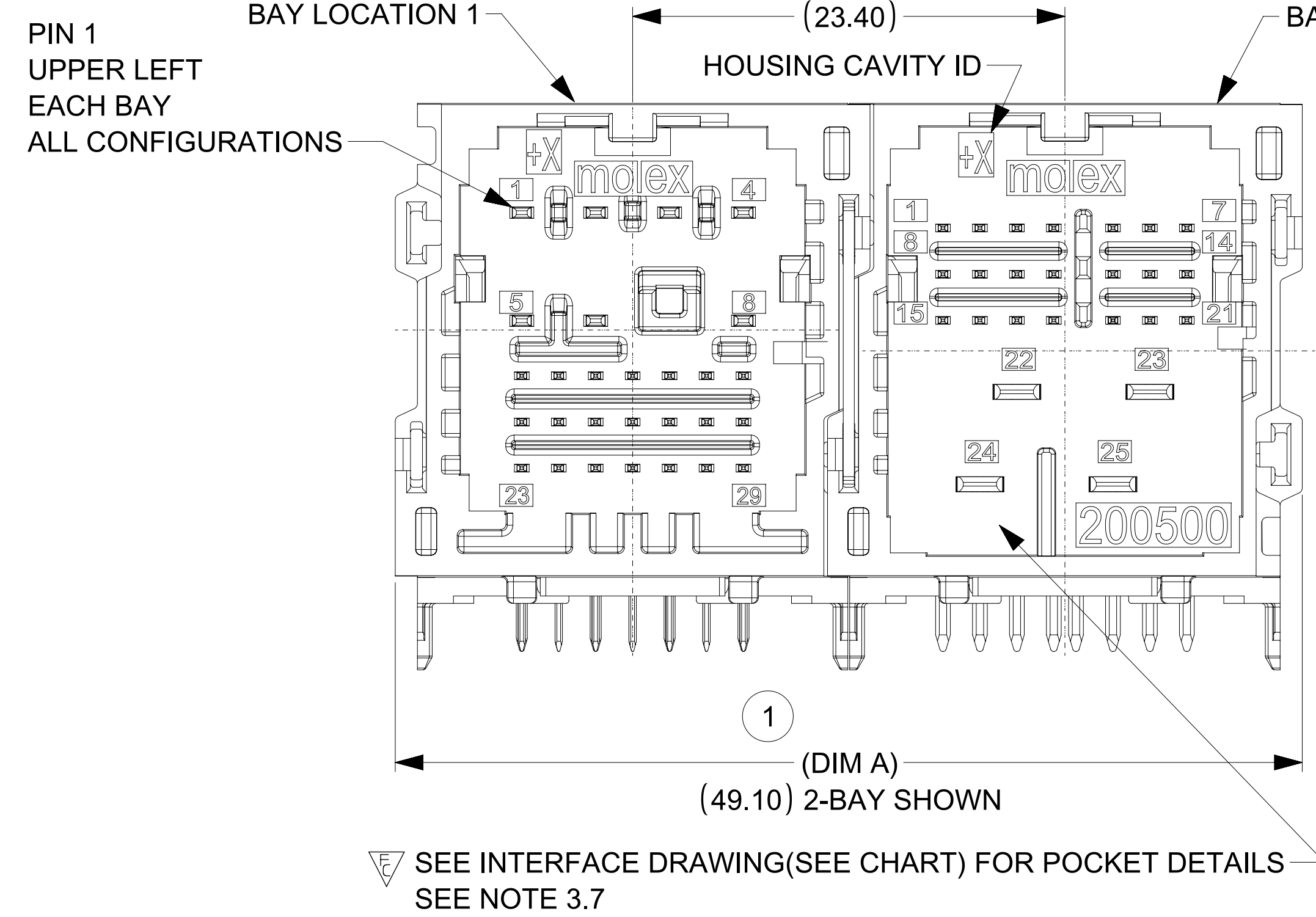
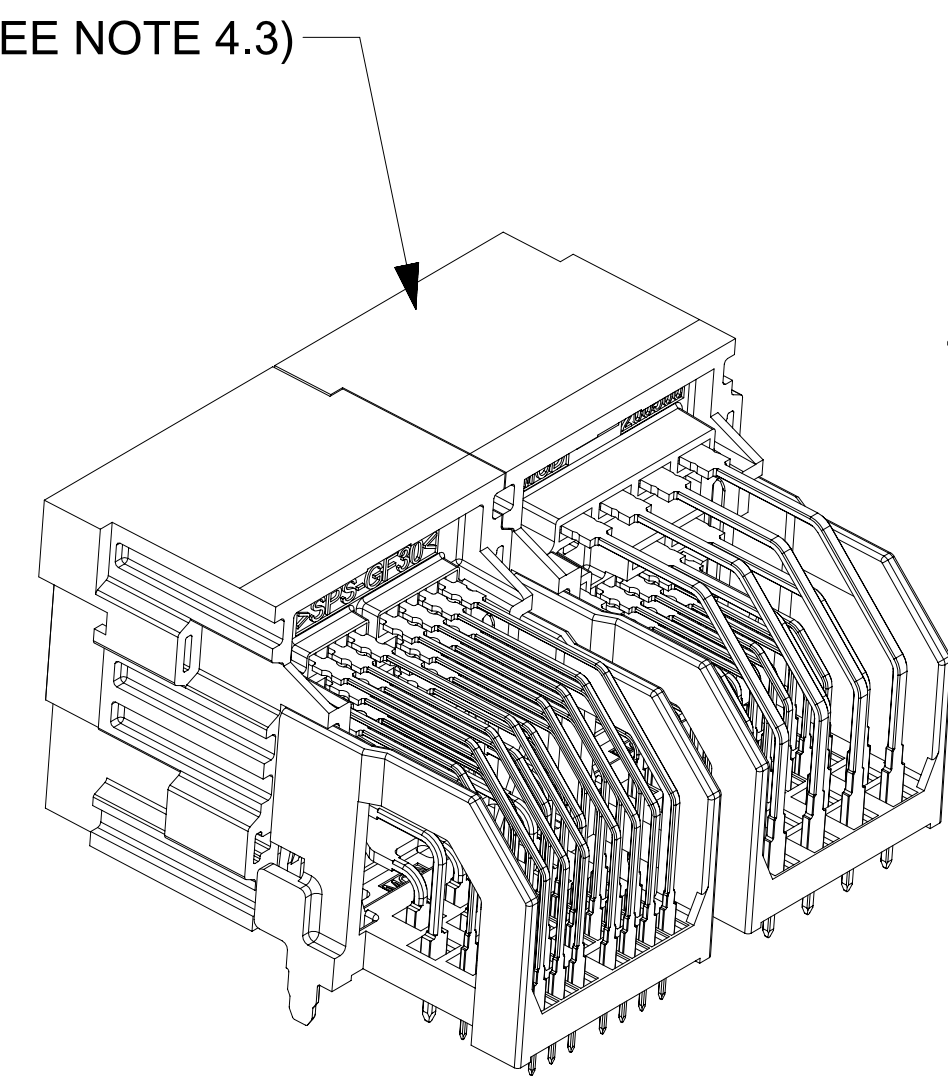




BAY QTY	DIM A	DIM B
2	49.1	46.7
3	72.5	70.1
4	95.9	93.5
5	119.3	116.9
6	142.7	140.3
7	166.1	163.7



- NOTES: VALID UNLESS OTHERWISE SPECIFIED
- GENERAL:
 - APPLICATION SPECIFICATION 2005060000-AS
 - PRODUCT SPECIFICATION 2005060001-PS
CLASSIFICATIONS T2V1S1 TO GMW 3191 2012
 - PACKAGING SPECIFICATION PER MOLEX DRAWING
TUBE PACKAGING: 2005028100
TRAY PACKAGING: 2005062105-PK
 - DESIGN - MATERIALS: SEE COMPONENT DRAWINGS
 - HOUSING: SPS 30% GF
 - BLADE TERMINALS:
 - 0.5MM BLADES
BASE MATERIAL: COPPER ALLOY
UNDERPLATE: OVERALL NICKEL
OVERPLATE: OVERALL TIN
 - 1.2MM BLADES
BASE MATERIAL: COPPER ALLOY
UNDERPLATE: OVERALL NICKEL
OVERPLATE: OVERALL TIN
 - 2.8MM BLADES
BASE MATERIAL: COPPER ALLOY
UNDERPLATE: OVERALL NICKEL
OVERPLATE: OVERALL TIN
 - 6.3MM BLADES
BASE MATERIAL: COPPER ALLOY
UNDERPLATE: OVERALL NICKEL
OVERPLATE: OVERALL TIN
 - DESIGN - GEOMETRY:
 - ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
 - PRODUCT DESIGN MODEL NUMBER: SEE CHART. MODEL NUMBERS SAME AS PART NUMBERS
 - GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009
 - EDGES OF UNDEFINED SHAPE PER ISO 13715
 - CORNERS SHOWN AS SHARP TO BE R 0.4 MAX.
 - LETTERING SHALL BE MAX POSSIBLE FOR READABILITY. THIS INCLUDES RECYCLING CODE, CAVITY ID,VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
 - FOR BAY/POCKET DEFINITION SEE MOLEX INTERFACE DRAWINGS IN CHART. FUNCTIONAL APPLIES TO ALL FUNCTIONALS IN INTERFACE DRAWINGS.
 - PIN PCB SIDE TRUE POSITION TO BE VERIFIED ON LINE WITH CCD INSPECT
 - DESIGN - MANUFACTURING:
 - VISUAL DEFECTS SHALL MEET MOLEX COSMETIC STANDARD PS-45499-002 (CLASS B)
 - REFLOW SOLDERABILITY PER SMES-152
 - LASER ETCHED PART MARKING (1.5mm HEIGHT) CODED AS FOLLOWS
ROW 1: "YYDDHHMMSS"
- DATE AND TIME CODE
ROW 2: "XXXXX" OR "XXXXX_X"
-" XXXXX" IS LAST 5 DIGITS OF PART NO AND DENOTES ORIGINAL ASSEMBLY LINE
-"_X" DENOTES CAPACITY ASSEMBLY LINE SUCH AS "_B" OR MORE IN FUTURE

INSPECTION BALLOON NUMBER LOG
PER DRAWING REVISION: E16
LAST BALLOON NUMBER: 16
ADDED BALLOON NUMBER: NONE
DELETED BALLOON NUMBER: NONE

SEE SHEET 2			
REVISION	DESCRIPTION		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 0.5°

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.130

1 PLACE ± 0.25

0 PLACES ± 1.00

STATUS: Production

DRWN: NIKHIL AS

CHK'D: Sien Li

APPR: Ringo Hu

2026-08-11

2026-08-13

2026-08-17

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

1 OF 6

2005060000

PSD

000

E16

SEE TABLE

SEE TABLE

STAK50H MOD HDR RA MULTI-BAY ASSEM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

M	19		18		17		16		15		14		13		12		11		10		9		8		7		6		5		4		3		2		1					
	ASSEMBLY PART NO. TUBE PACKAGING 2005028100		ASSEMBLY PART NO. TRAY PACKAGING 2005062105-PK		SINGLE BAY ASSEMBLY PART NUMBER PER LOCATION																SINGLE BAY ASSEMBLY				DRAWING		INTERFACE DRAWING		TERMINAL QUANTITIES													
L					1	2	3	4	5	6	7																			0.5mm	1.2mm	2.8mm										
	2005062004		2005062504		2005020284	2005020251	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																				8	4										
	2005062005		2005062105		2005020121	2005020271	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																					4										
	2005066001		2005066501		2005020281	2005020322	2005020253	2005020283	2005020324	2005020273	-----NA-----																			21		4										
	2005063001		2005063501		2005020123	2005020321	2005020323	-----NA-----	-----NA-----	-----NA-----	-----NA-----																			19	8											
K	2005062007		2005062507		2005020121	2005020122	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																				7											
	2005062008		2005062026		2005020321	2005020323	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																			28	4											
	2005063006		2005063506		2005020321	2005020282	2005020323	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005063007		2005063507		2005020321	2005020322	2005020323	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005063008		2005063508		2005020321	2005020282	2005020283	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
J	2005063003		2005063503		2005020251	2005020252	2005020321	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005063009		2005063509		2005020123	2005020253	2005020322	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005062009		2005062509		2005020284	2005020281	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005063010		2005063510		2005020122	2005020123	2005020124	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005063011		2005063511		2005020322	2005020252	2005020251	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
H	2005066002		2005066502		2005020251	2005020252	2005020123	2005020122	2005020124	2005020322	-----NA-----																															
	2005065003		2005065503		2005020251	2005020252	2005020253	2005020324	2005020323	-----NA-----	-----NA-----																															
	2005062012		2005062023		2005020323	2005020121	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005063012		2005063512		2005020321	2005020322	2005020254	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005064004		2005064504		2005020321	2005020322	2005020323	2005020324	-----NA-----	-----NA-----	-----NA-----																															
G	2005062013		2005062513		2005020323	2005020324	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005062014		2005062514		2005020324	2005020321	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005064006		2005064506		2005020253	2005020281	2005020282	2005020283	-----NA-----	-----NA-----	-----NA-----																															
	2005062015		2005062515		2005020271	2005020124	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005063015		2005063515		2005020323	2005020271	2005020124	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
F	2005063016		2005063516		2005020281	2005020282	2005020283	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005062017		2005062517		2005020251	2005020322	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005062018		2005062518		2005020271	2005020251	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005062019		2005062519		2005020251	2005020252	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005062020		2005062520		2005020321	2005020281	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
E	2005063017		2005063517		2005020121	2005020251	2005020252	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005062021		2005062024		2005020253	2005020321	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005063018		2005063518		2005020252	2005020251	2005020121	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005062022		2005062522		2005020322	2005020251	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005065005		2005065505		2005020323	2005020324	2005020273	2005020271	2005020251	-----NA-----	-----NA-----																															
D	2005063019		2005063519		2005020322	2005020272	2005020271	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005062025		2005062525		2005020322	2005020122	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005062027		2005062527		2005020281	2005020251	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005062028		2005062528		2005020282	2005020321	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005062029		2005062529		2005020121	2005020322	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
C	2005065006		2005065506		2005020323	2005020322	2005020324	2005020252	2005020253	-----NA-----	-----NA-----																															
	2005066005		2005066505		2005021231	2005021232	2005021233	2005020121	2005020122	2005020123	-----NA-----																															
	2005066006		2005066506		2005021231	2005021232	2005021233	2005021234	2005020282	2005020121	-----NA-----																															
	2005062030		2005062530		2005020251	2005020121	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005062031		2005062531		2005021231	2005020123	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
B	2005062032		2005062532		2005020121	2005020321	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005062033		2005062533		2005020322	2005020323	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005062034		2005062534		2005020281	2005020282	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005063020		2005063520		2005020121	2005020282	2005020321	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005064008		2005064508		2005020121	2005020282	2005020321	2005020122	-----NA-----	-----NA-----	-----NA-----																															
A	2005065007		2005065507		2005020122	2005020252	2005020273	2005020121	2005020251	-----NA-----	-----NA-----																															
	2005062035		2005062535		2005020251	2005020271	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005062036		2005062536		2005020252	2005020273	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005063021		2005063521		2005020271	2005020272	2005020273	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
	2005063022		2005063522		2005020272	2005020273	2005020274	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
A	2005064009		2005064509		2005021231	2005020271	2005020272	2005020273	-----NA-----	-----NA-----	-----NA-----																															
	2005062037		2005062537		2005020251	2005020274	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																															
2005062038		2005062538		2005021231	2005021232	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																																

M		19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
		ASSEMBLY PART NO. TUBE PACKAGING 2005028100	ASSEMBLY PART NO. HIGH-TRAY PACKAGING 2005062105-PK	ASSEMBLY PART NO. LOW-TRAY PACKAGING 2005062105-PK	SINGLE BAY ASSEMBLY PART NUMBER PER LOCATION															
L					1	2	3	4	5	6	7									
		2005062039	2005062539	NA	2005020273	2005020274	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
		2005064010	2005064510	NA	2005020251	2005021231	2005020271	2005020272	-----NA-----	-----NA-----	-----NA-----									
		2005065008	2005065508	NA	2005020322	2005020321	2005020121	2005020251	2005020253	-----NA-----	-----NA-----									
		2005065009	2005065509	NA	2005020254	2005020252	2005020122	2005020324	2005020323	-----NA-----	-----NA-----									
		2005062040	2005062540	NA	2005020323	2005020321	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
		2005063023	2005063523	2005063423	2005021231	2005020272	2005020273	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
K		2005064011	2005064511	NA	2005020321	2005020322	2005020323	2005020271	-----NA-----	-----NA-----	-----NA-----									
		2005064012	2005064512	NA	2005020253	2005020272	2005020273	2005020324	-----NA-----	-----NA-----	-----NA-----									
		2005062041	2005062541	NA	2005021231	2005020271	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
		2005063024	2005063524	NA	2005021231	2005020271	2005020272	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
		2005063025	2005063525	NA	2005020251	2005020271	2005020272	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
		2005063026	2005063526	NA	2005020251	2005021231	2005020271	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
J		2005062042	2005062542	NA	2005020271	2005021231	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
		2005062043	2005062543	NA	2005020251	2005020322	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
		2005062044	2005062544	NA	2005020271	2005020321	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
		2005062045	2005062545	NA	2005020251	2005020321	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
		2005062046	2005062546	NA	2005020322	2005020271	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
H		2005062047	2005062547	NA	2005020271	3032170251	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
		2005063027	2005063527	2005063427	2005020272	2005020273	2005021231	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
		2005064013	2005064513	NA	2005020284	2005020281	2005020272	2005020273	-----NA-----	-----NA-----	-----NA-----									
		2005062016	2005062516	NA	2005020321	2005020322	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
		2005063028	2005063528	NA	2005021231	2005021232	2005020321	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
G		2005064014	2005064514	NA	2005020121	2005020251	2005020252	2005020321	-----NA-----	-----NA-----	-----NA-----									
		2005064015	2005064515	NA	2005021231	2005021232	2005020121	2005020122	-----NA-----	-----NA-----	-----NA-----									
		2005065010	2005065510	NA	2005020281	2005020282	2005020321	2005020322	2005020323	-----NA-----	-----NA-----									
		2005062048	2005062548	NA	2005020271	3032170121	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
		NA	NA	2005062601	2005020253	2005020321	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
		2005062049	2005062549	NA	2005021231	2005020321	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
F		2005063029	2005063529	NA	2005020121	2005021231	2005021232	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
		2005065011	2005065511	NA	2005020321	2005020322	2005020323	2005020324	2005020281	-----NA-----	-----NA-----									
		2005063030	2005063530	NA	2005020324	2005020323	2005020322	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
		2005063031	2005063531	NA	2005020121	2005020253	2005020273	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
		2005063032	2005063532	NA	2005020251	2005020252	2005020253	-----NA-----	-----NA-----	-----NA-----	-----NA-----									
E																				
D																				

E16

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

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL ± 0.5°

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.130

1 PLACE ± 0.25

0 PLACES ± 1.00

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

D-SIZE

SERIES

200506

CURRENT REV DESC: SEE REVISION TABLE

STATUS: Production

DRWN: NIKHIL AS

CHK'D: Sien Li

APPR: Ringo Hu

2026-08-11

2026-08-13

2026-08-17

DOCUMENT NUMBER

2005060000

DOC TYPE

PSD

DOC PART

000

REVISION

E16

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

2005060000

DOC TYPE

PSD

DOC PART

000

REVISION

E16

SEE TABLE

CUSTOMER

SHEET NUMBER

3 OF 6

STAK50H MOD HDR RA MULTI-BAY ASSEM

19

18

17

16

15

14

13

12

11

10

9

8

7

6

5

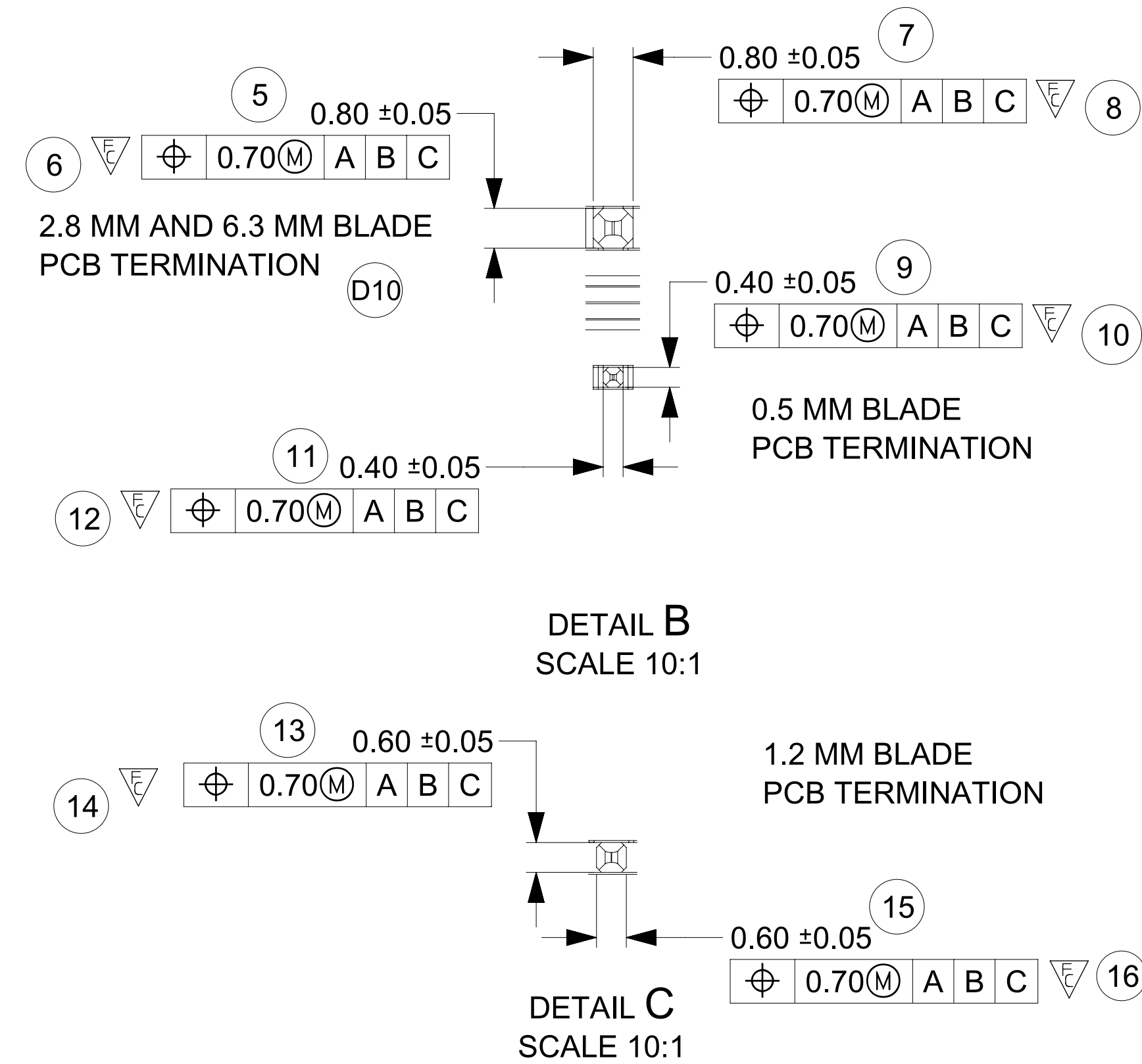
4

3

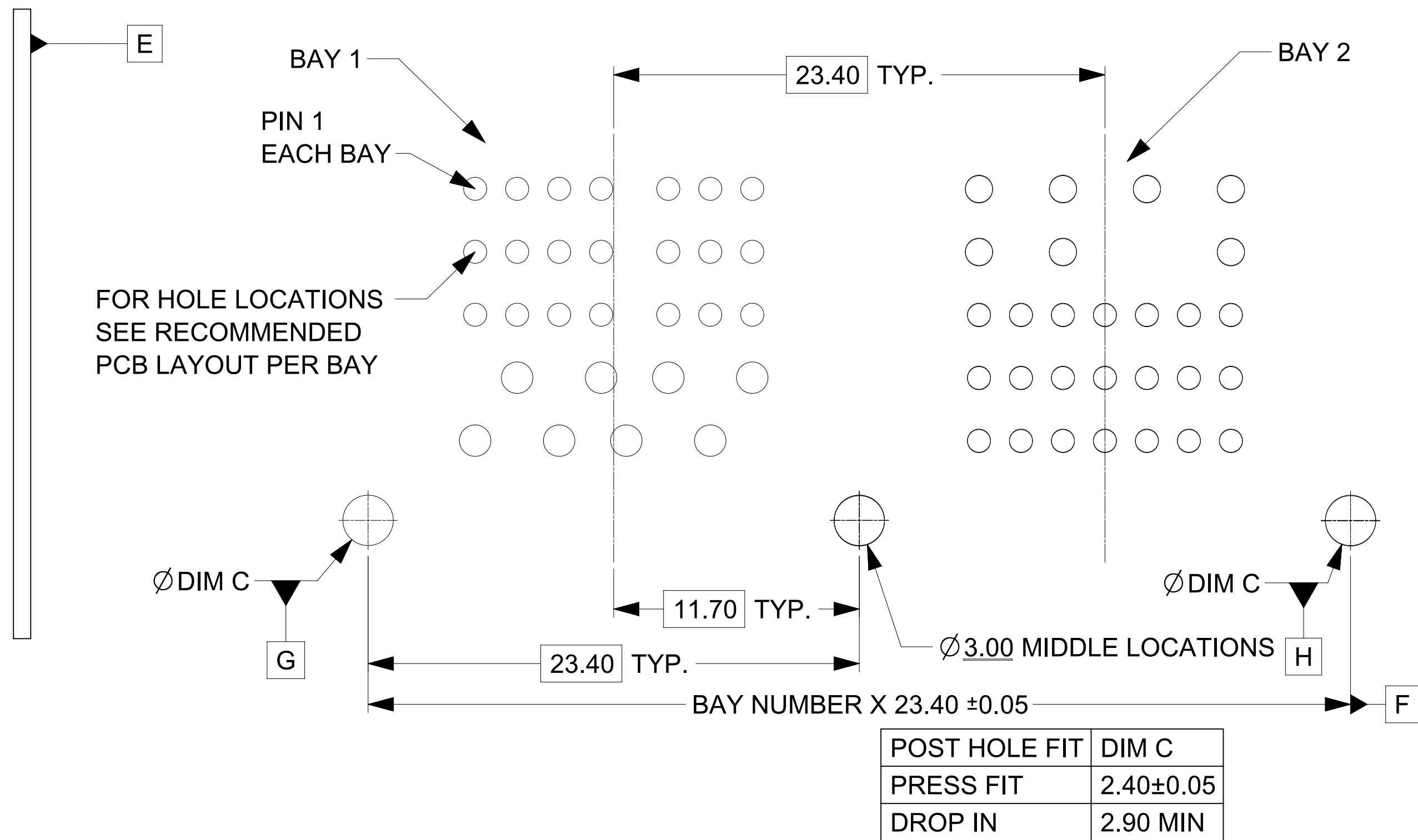
2

1

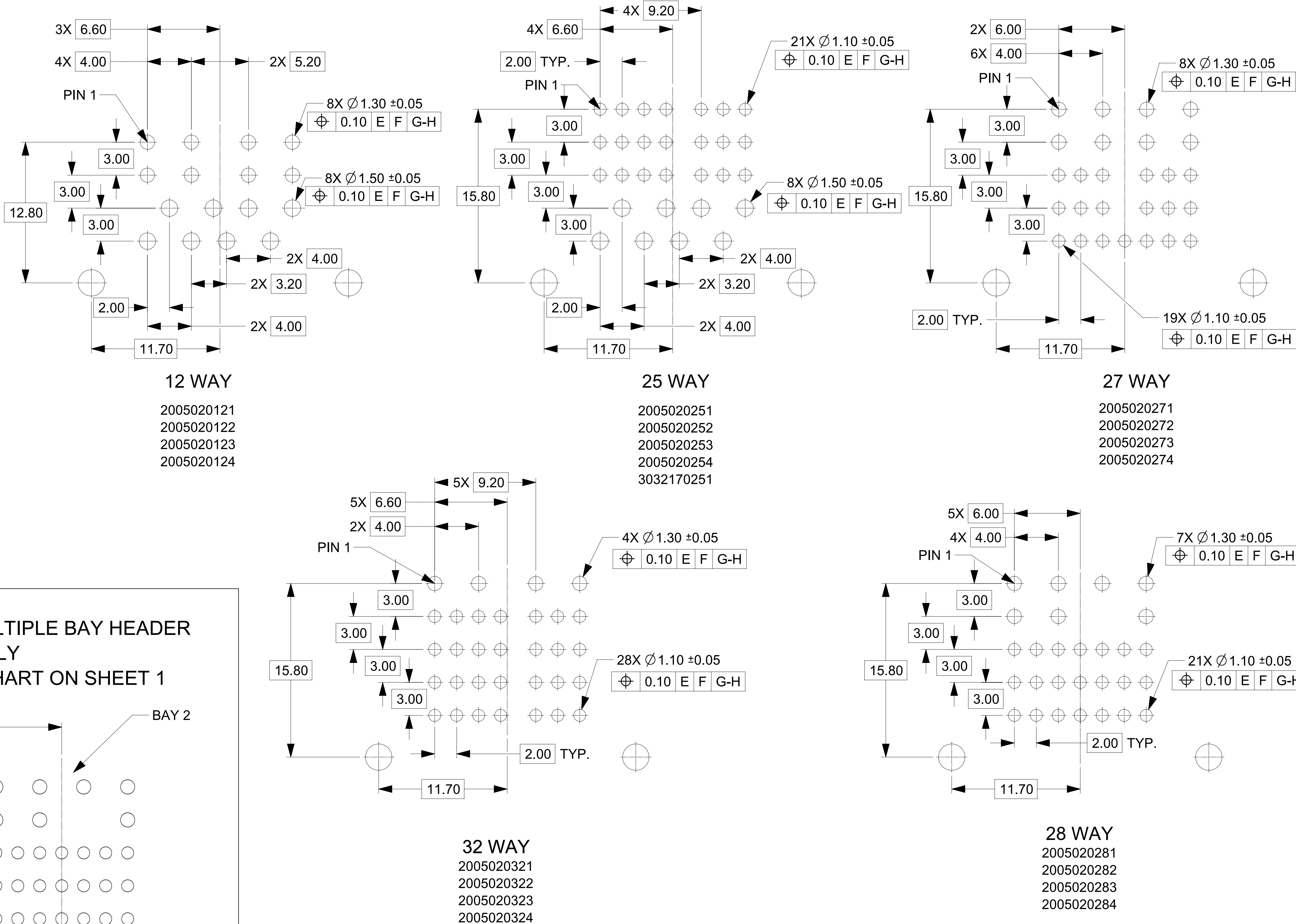
TYPICAL PCB TERMINATIONS
SIZE AND TRUE POSITION TOLERANCES
SEE INDIVIDUAL SINGLE BAY DRAWINGS
FOR LOCATIONS (CHART ON SHEET 1)
PARTS TO BE CHECKED WITH FUNTIONAL CCD INSPECT
SEE NOTE 3.8



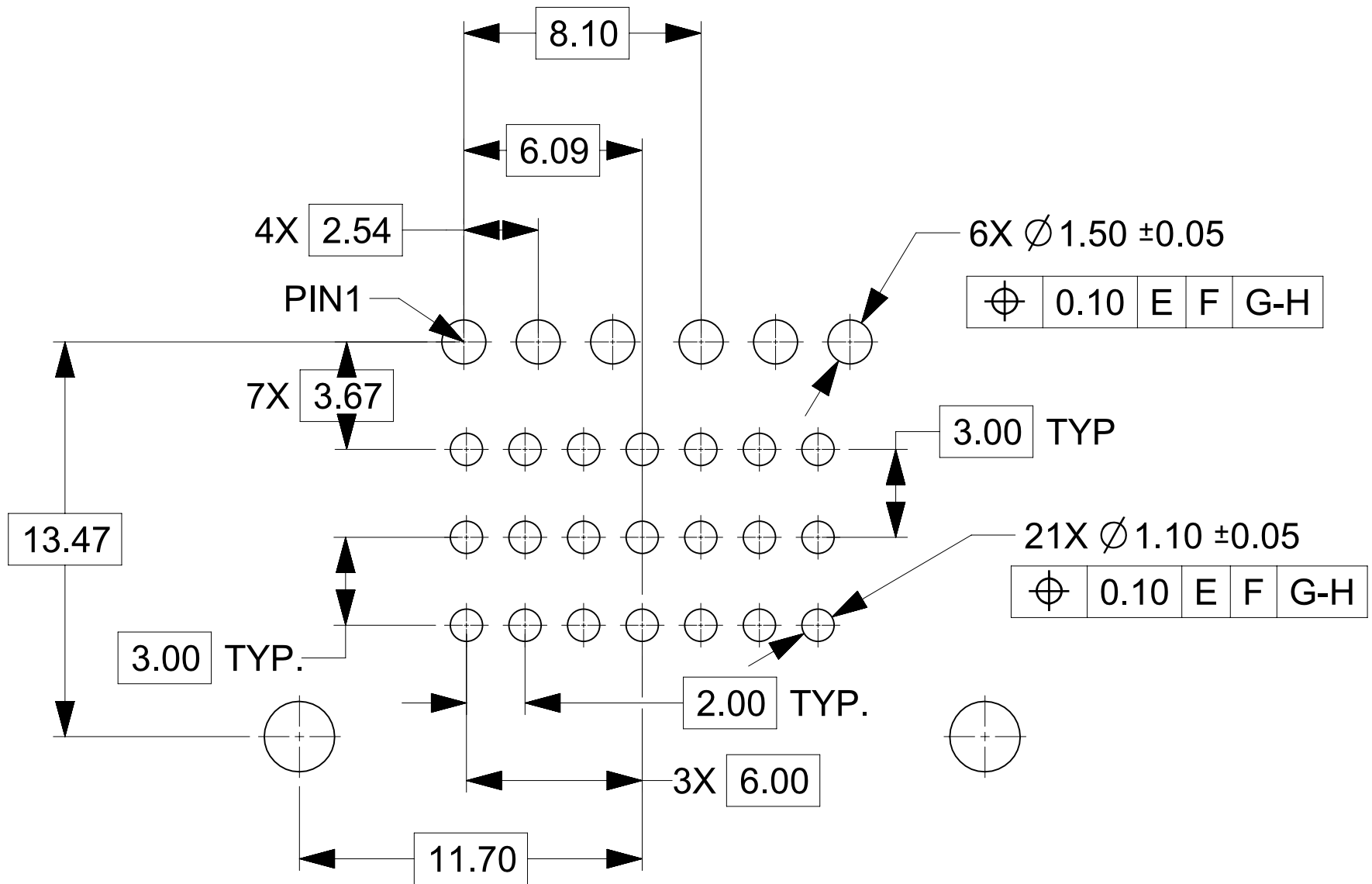
RECOMMENDED PCB LAYOUT FOR MULTIPLE BAY HEADER
FOR REFERENCE ONLY
INSERT NECESSARY BAYS USING CHART ON SHEET 1



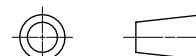
RECOMMENDED PCB LAYOUT PER BAY
FOR REFERENCE ONLY



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							
DIMENSION UNITS mm		SCALE 5:1		CURRENT REV DESC: SEE REVISION TABLE																			
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex STAK50H MOD HDR RA MULTI-BAY ASSEM PRODUCT CUSTOMER DRAWING <table border="1"><thead><tr><th>DOCUMENT NUMBER</th><th>DOC TYPE</th><th>DOC PART</th><th>REVISION</th></tr></thead><tbody><tr><td>2005060000</td><td>PSD</td><td>000</td><td>E16</td></tr></tbody></table> <table border="1"><thead><tr><th>MATERIAL NUMBER</th><th>CUSTOMER</th><th>SHEET NUMBER</th></tr></thead><tbody><tr><td>SEE TABLE</td><td></td><td>4 OF 6</td></tr></tbody></table>						DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	2005060000	PSD	000	E16	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	SEE TABLE		4 OF 6
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION																				
2005060000	PSD	000	E16																				
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER																					
SEE TABLE		4 OF 6																					
ANGULAR TOL ± 0.5°																							
4 PLACES ±																							
3 PLACES ±																							
2 PLACES ± 0.130																							
1 PLACE ± 0.25																							
0 PLACES ± 1.00																							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		STATUS: Production DRWN: NIKHIL AS CHK'D: Sien Li APPR: Ringo Hu		2026-08-11 2026-08-13 2026-08-17		SERIES 200506															
DRAWING D-SIZE		MATERIAL NUMBER 200506		CUSTOMER		SHEET NUMBER 4 OF 6																	



23 WAY
2005020231
2005020232
2005020233
2005020234
2005021231
E6 2005021232

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: SEE REVISION TABLE											
mm		5:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL		± 0.5°													
4 PLACES		±													
3 PLACES		±		STATUS: Production DRWN: NIKHIL AS 2026-08-11 CHK'D: Sien Li 2026-08-13 APPR: Ringo Hu 2026-08-17											
2 PLACES		± 0.130													
1 PLACE		± 0.25													
0 PLACES		± 1.00													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		200506		SEE TABLE				5 OF 6	
molex															
STAK50H MOD HDR RA MULTI-BAY ASSEM															
PRODUCT CUSTOMER DRAWING															
DOCUMENT NUMBER								DOC TYPE		DOC PART		REVISION			
2005060000								PSD		000		E16			

