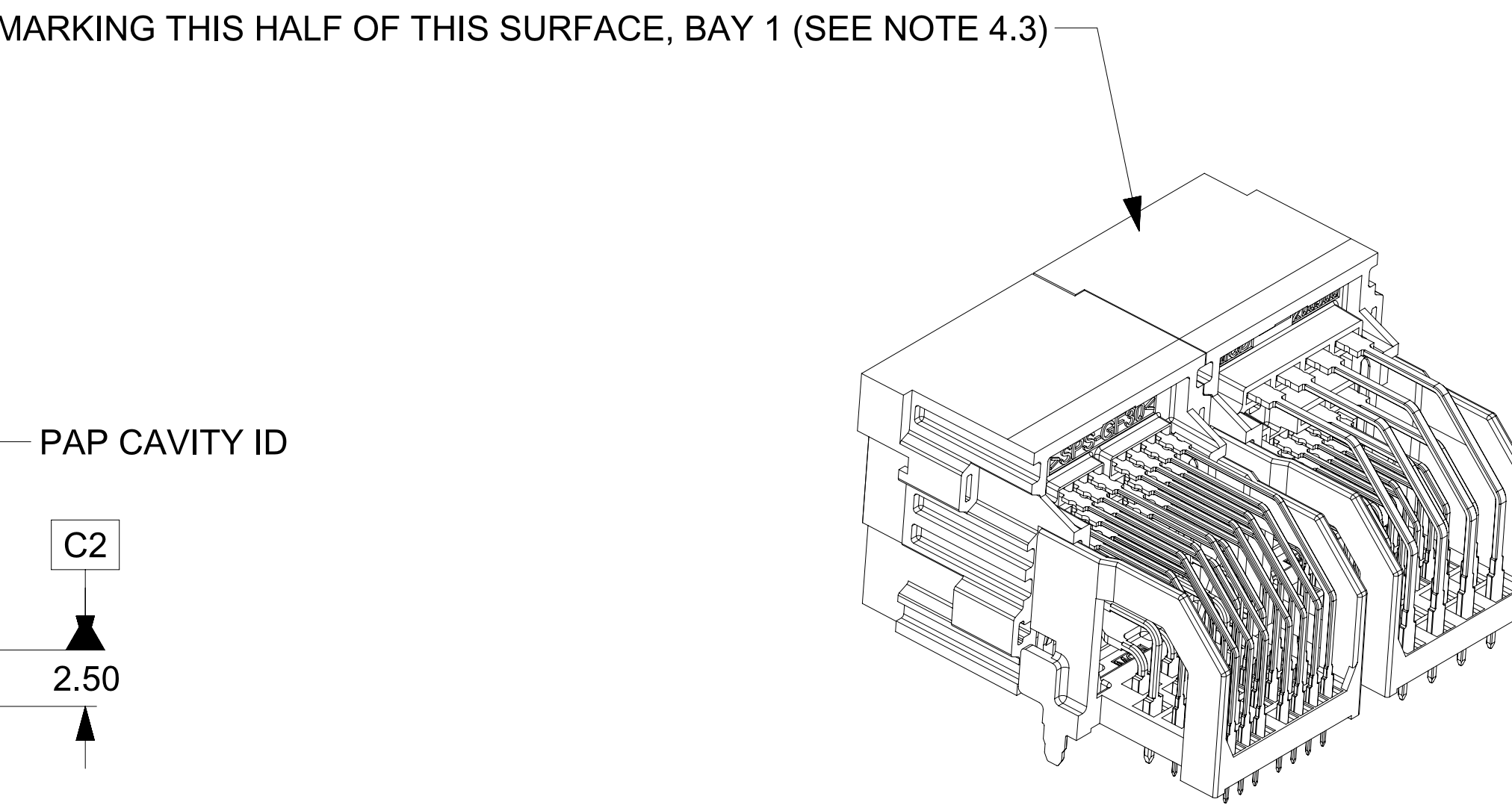
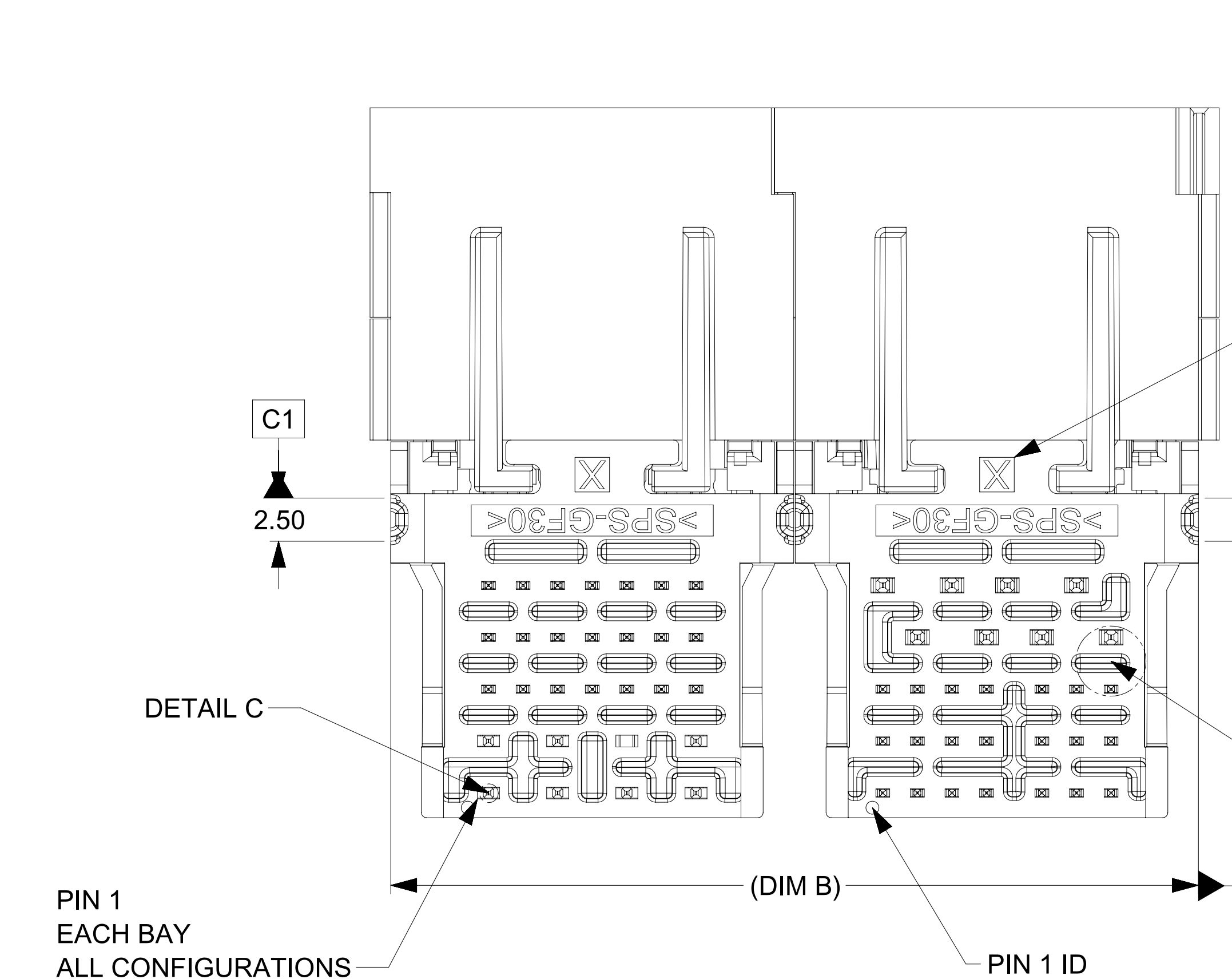
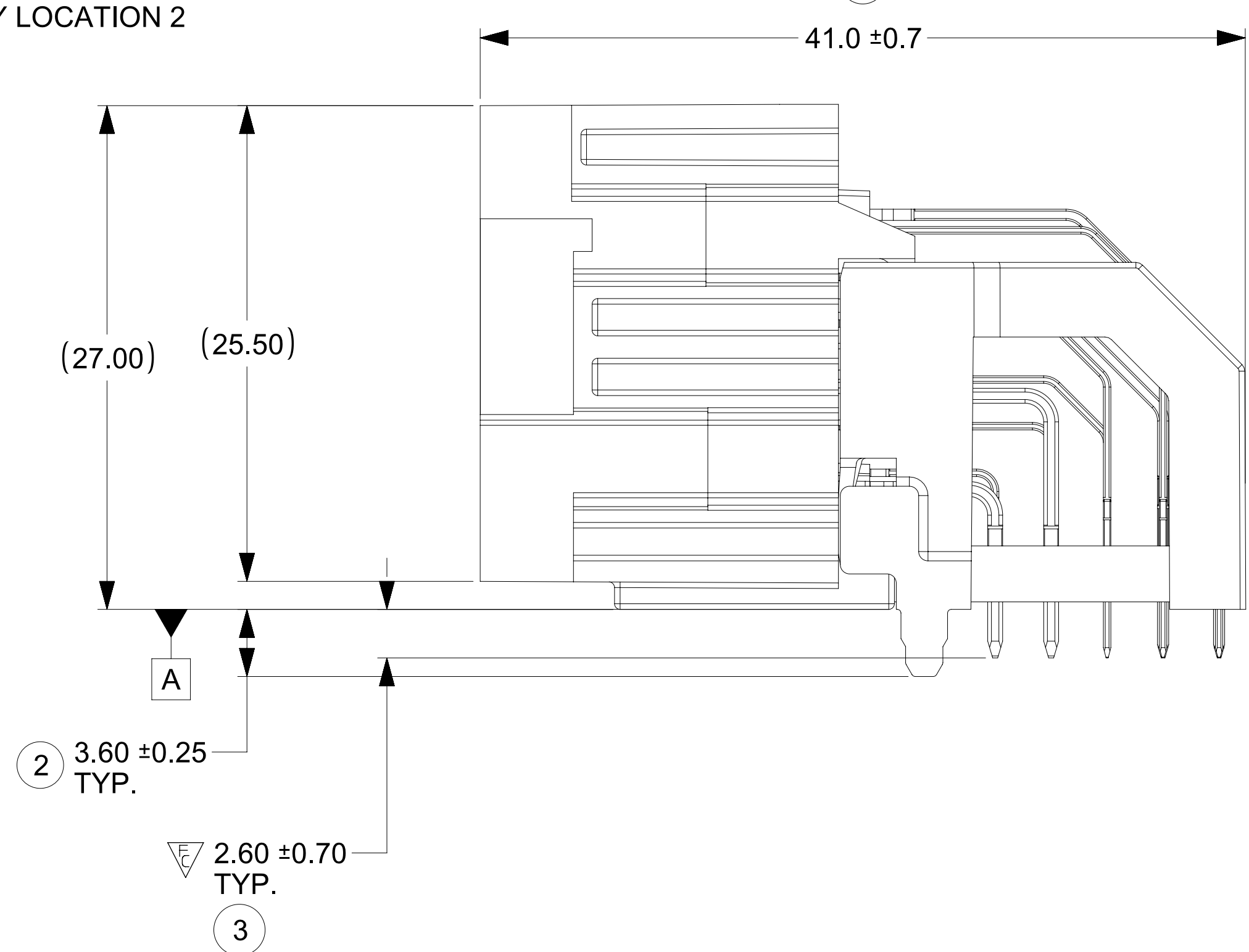
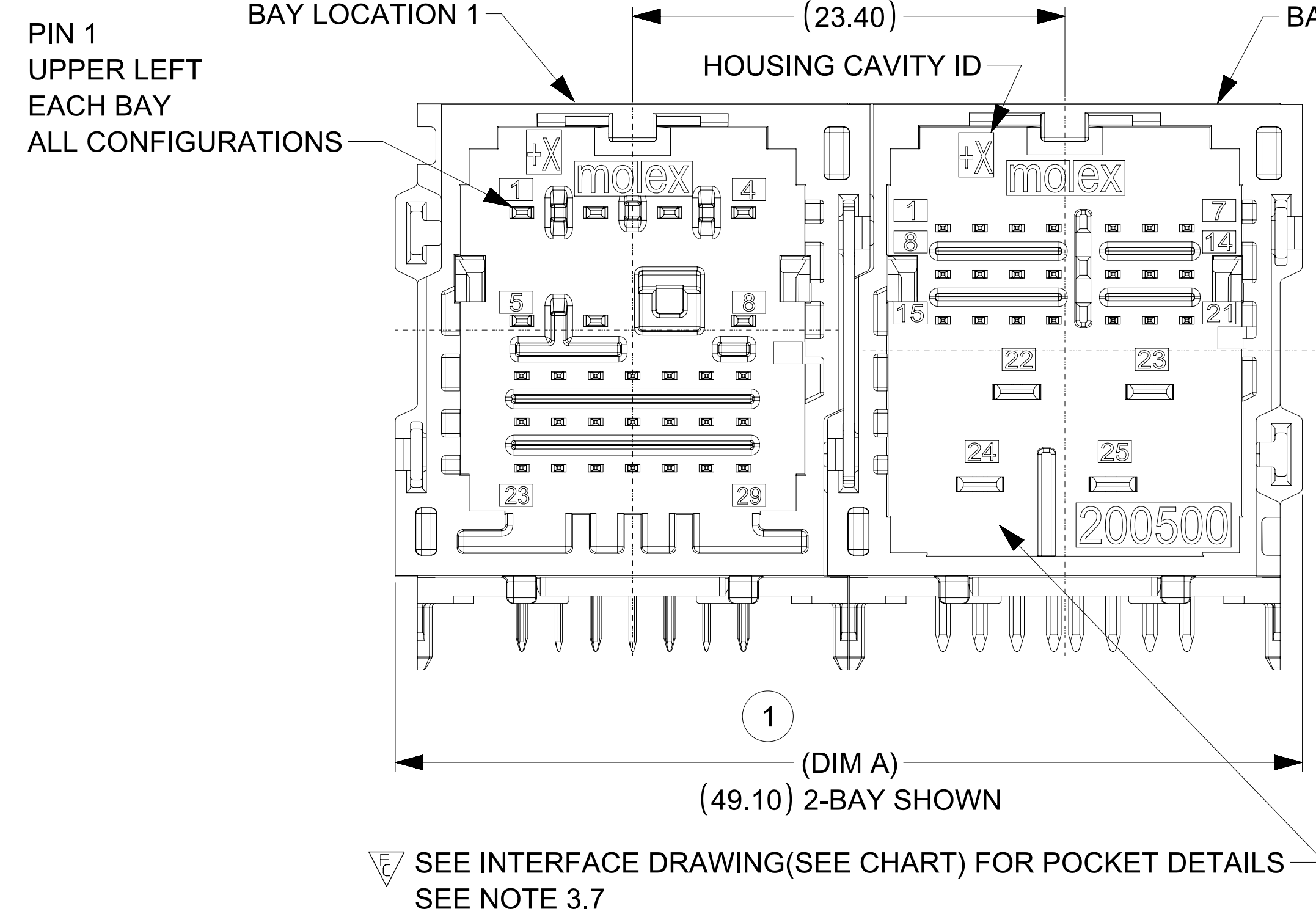




MARKING THIS HALF OF THIS SURFACE, BAY 1 (SEE NOTE 4.3)

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: "YYDDDHMMSS"
- 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: E14
LAST BALLOON NUMBER: 16
ADDED BALLOON NUMBER: NONE
DELETED BALLOON NUMBER: NONE

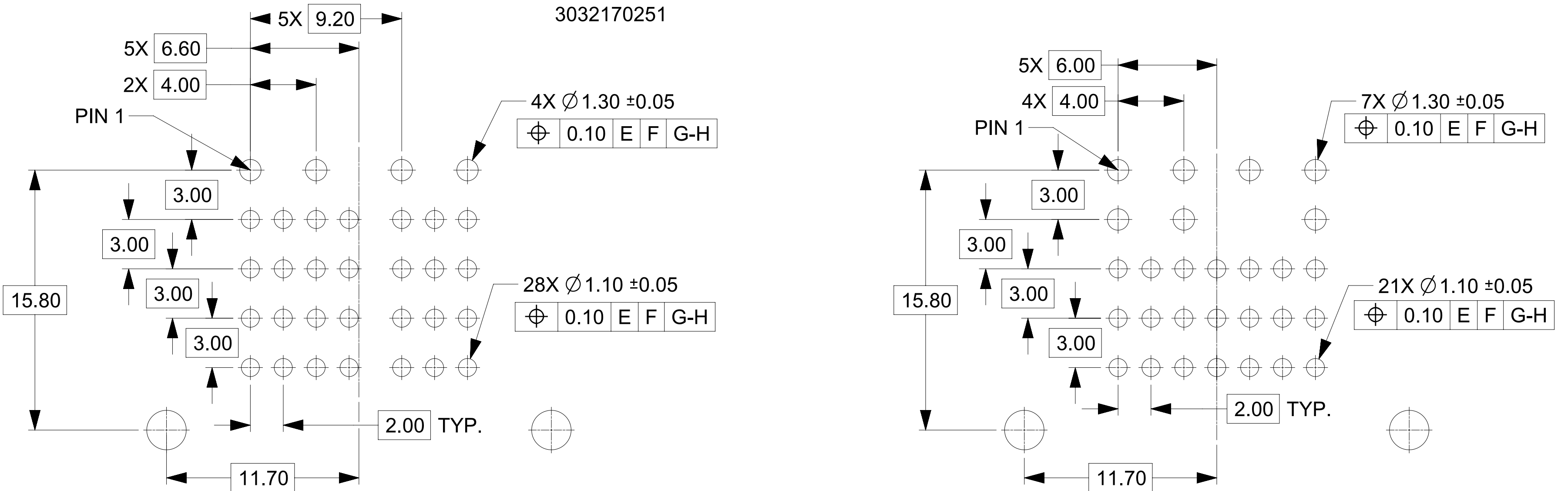
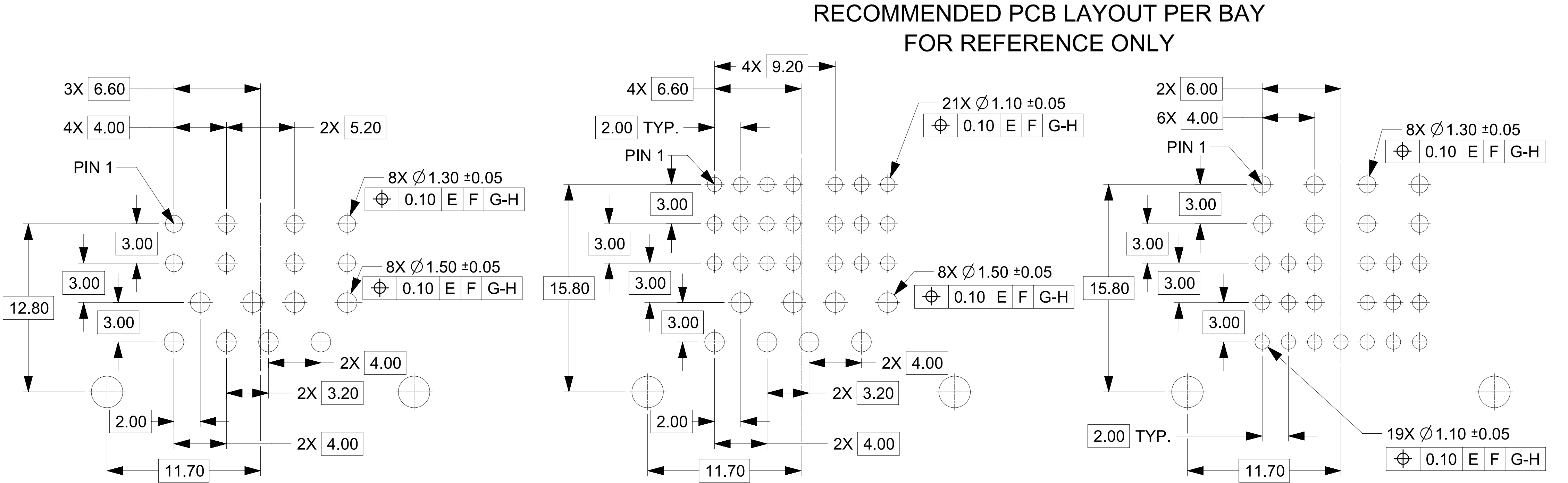
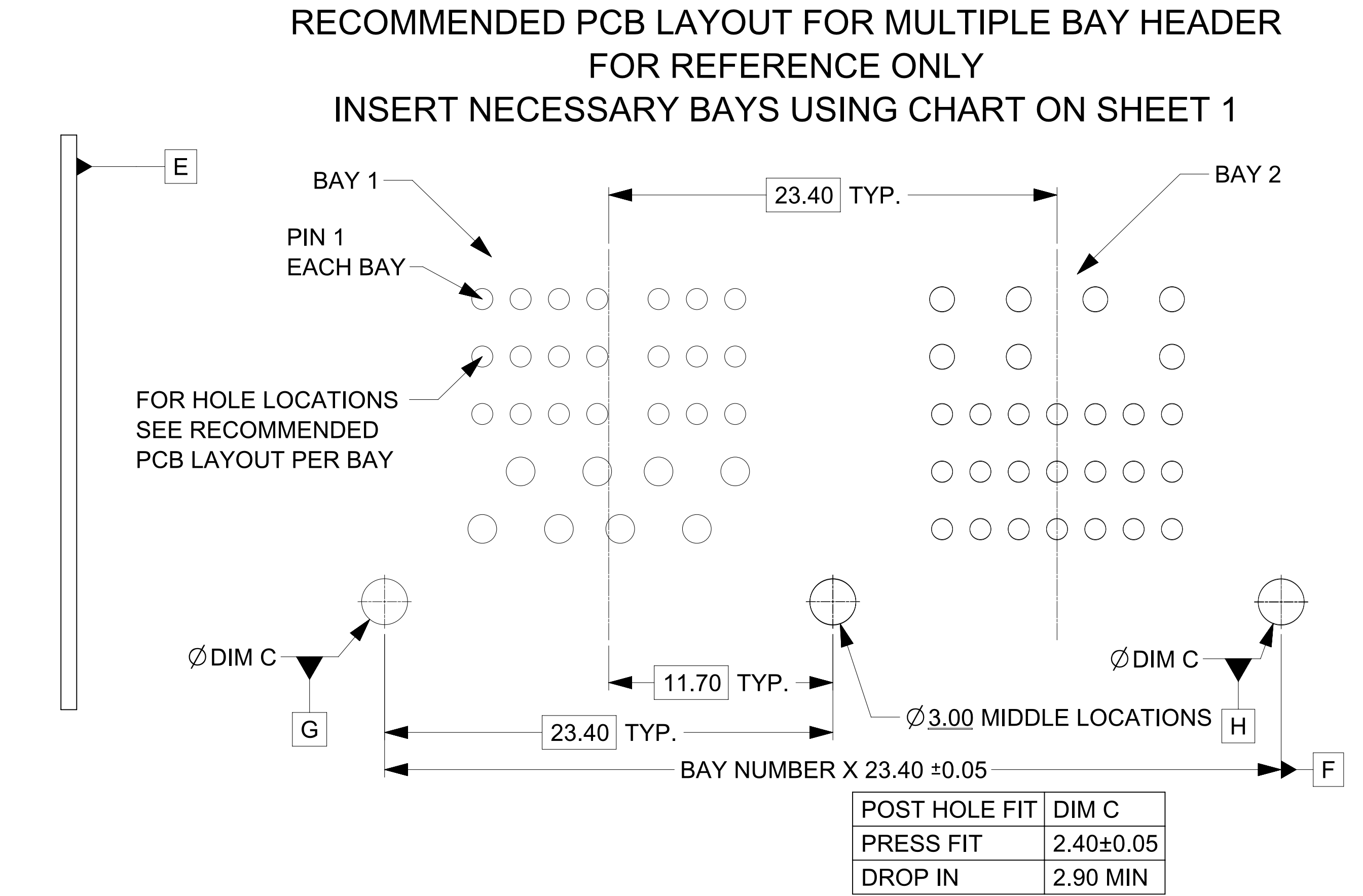
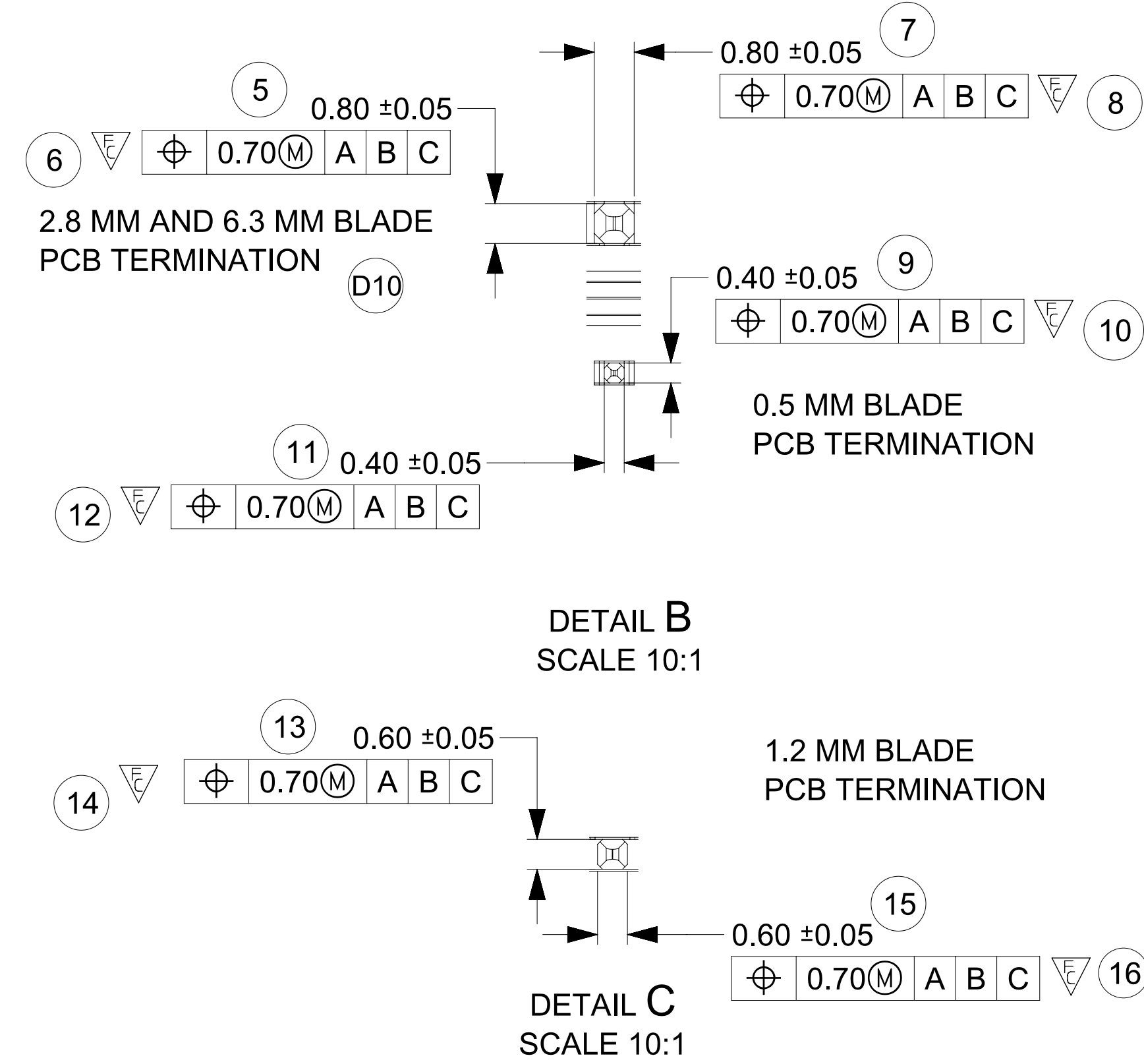
SEE SHEET 2			
REVISION	DESCRIPTION		

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE	
F A = 0	DIMENSION UNITS	SCALE	STATUS: Production DRWN: Manikya MD CHK'D: Kenneth Dai APPR: Ringo Hu 2026-04-22 2026-05-09 2026-05-11	
F C = 2	GENERAL TOLERANCES (UNLESS SPECIFIED)			
F P = 0	ANGULAR TOL ± 0.5°			
DIVISIONAL SYMBOLS	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

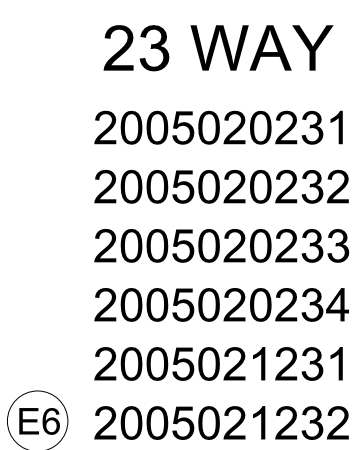
molex			
STAK50H MOD HDR RA MULTI-BAY ASSEM			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2005060000	PSD	000	E14
MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
SEE TABLE			1 OF 6

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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B	2005062031		2005062531		2005021231	2005020123	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	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-----																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
A	2005064008		2005064508		2005020121	2005020282	2005020321	2005020122	-----NA-----	-----NA-----	-----NA-----																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	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-----																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
A	2005063022		2005063522		2005020272	2005020273	2005020274	-----NA-----	-----NA-----	-----NA-----	-----NA-----																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	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-----																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

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



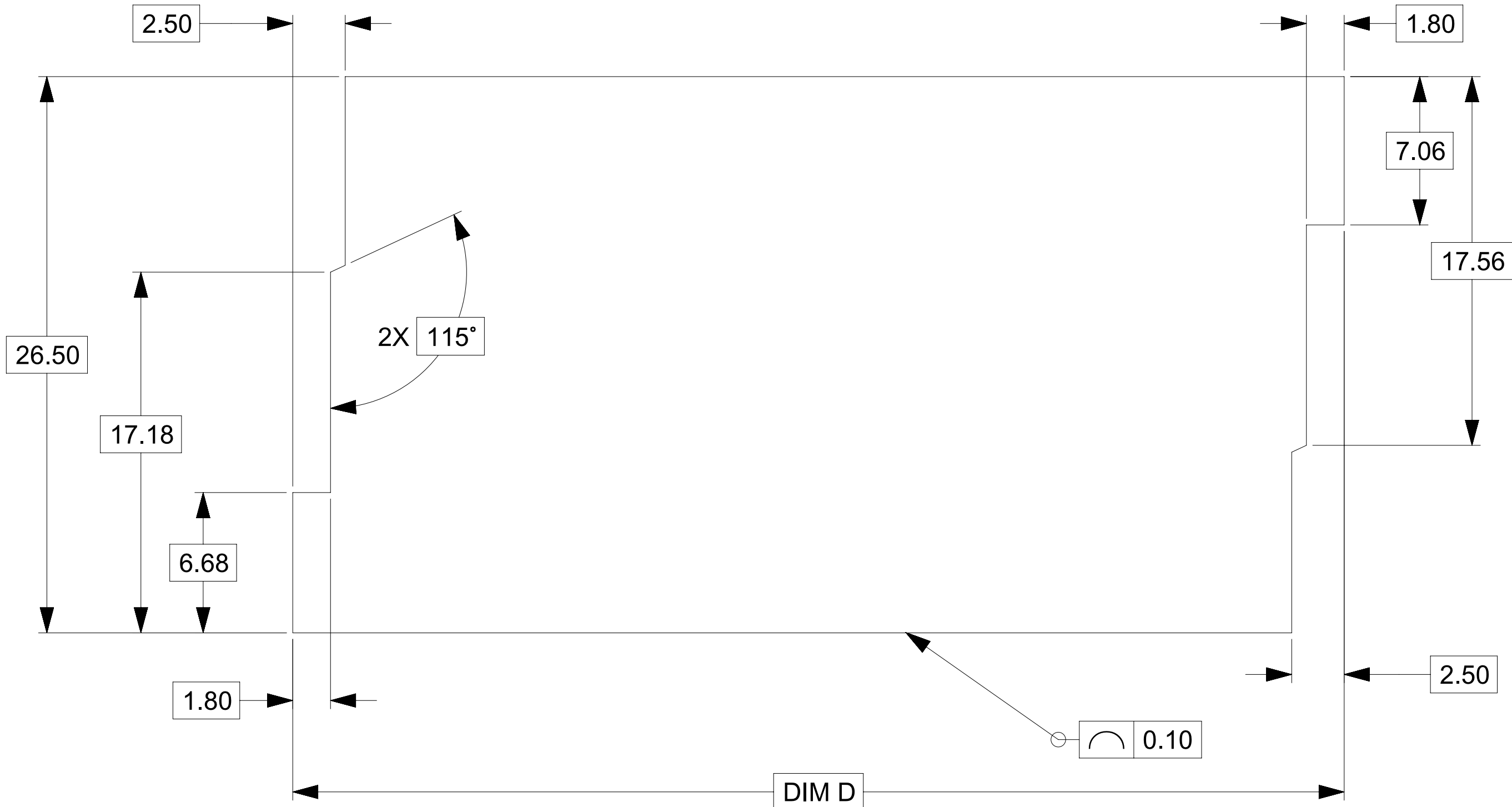
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE			molex						
	mm		5:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)		STATUS: Production DRWN: Manikya MD2026-04-22 CHK'D: Kenneth Dai2026-05-09 APPR: Ringo Hu2026-05-11			STAK50H MOD HDR RA MULTI-BAY ASSEM								
	ANGULAR TOL ± 0.5°													
	4 PLACES ±													
	3 PLACES ±													
	2 PLACES ± 0.130													
	DIVISIONAL SYMBOLS	1 PLACE ± 0.25		DOCUMENT NUMBER 2005060000 DOC TYPE PSD DOC PART 000 REVISION E14			PRODUCT CUSTOMER DRAWING							
		0 PLACES ± 1.00												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION								DRAWING		SERIES		
		D-SIZE								200506				
		MATERIAL NUMBER SEE TABLE			CUSTOMER			SHEET NUMBER 4 OF 6						



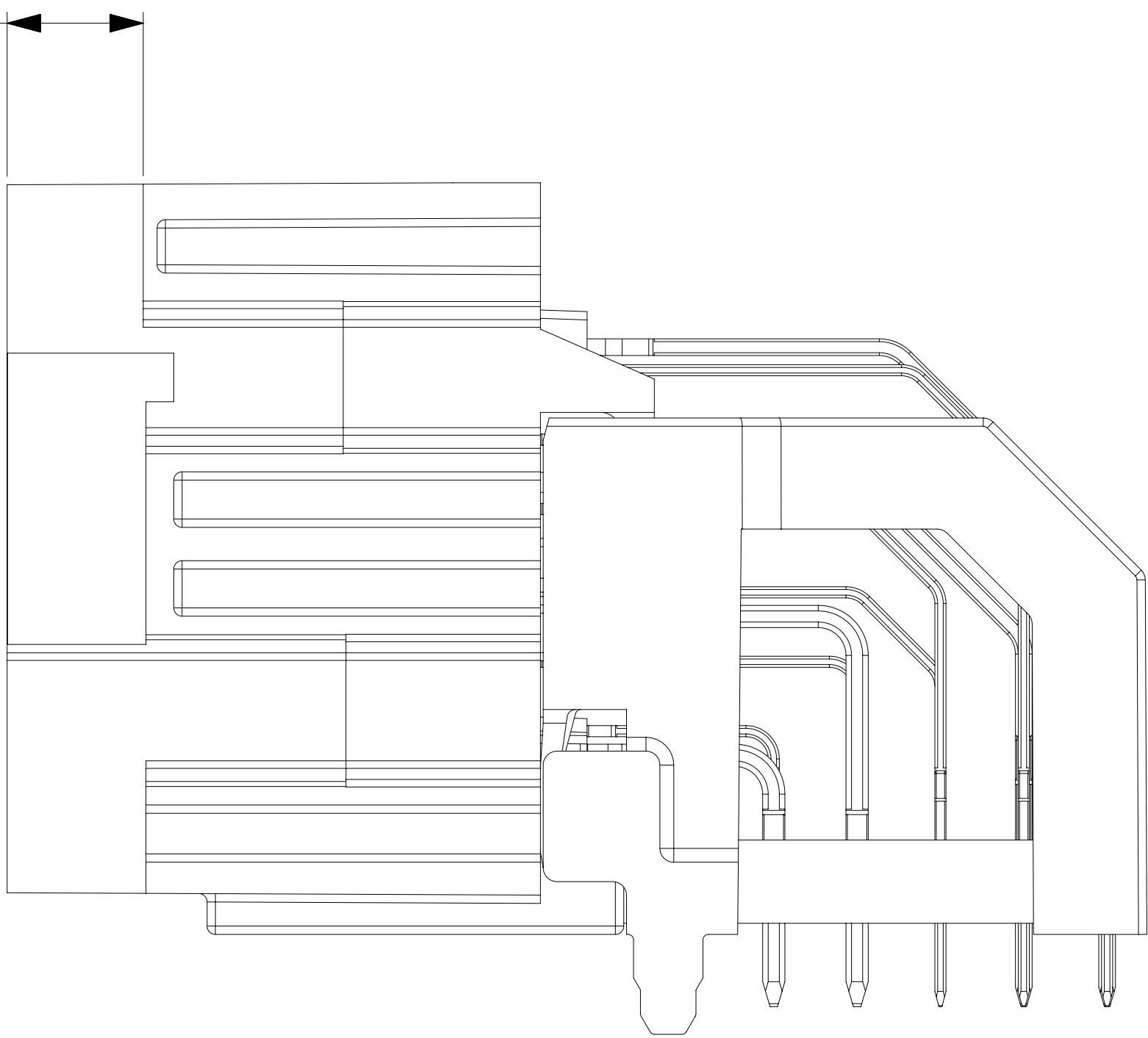
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										CURRENT REV DESC: SEE REVISION TABLE				molex STAK50H MOD HDR RA MULTI-BAY ASSEM			
	DIMENSION UNITS		SCALE		STATUS: Production DRWN: Manikya MD2026-04-22 CHK'D: Kenneth Dai2026-05-09 APPR: Ringo Hu2026-05-11													
	mm		5:1															
	GENERAL TOLERANCES (UNLESS SPECIFIED)																	
	ANGULAR TOL ± 0.5°																	
	4 PLACES ±																	
DIVISIONAL SYMBOLS	3 PLACES ±		2 PLACES ± 0.130		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
	1 PLACE ± 0.25		1 PLACE ± 0.25				D-SIZE		200506		SEE TABLE				5 OF 6			
	0 PLACES ± 1.00		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS															

BAY QTY	DIM D
2	50.1
3	73.5
4	96.9
5	120.3
6	143.7
7	167.1

RECOMMENDED MODULE OPENING
TO PASS ISO 20653 IP-4

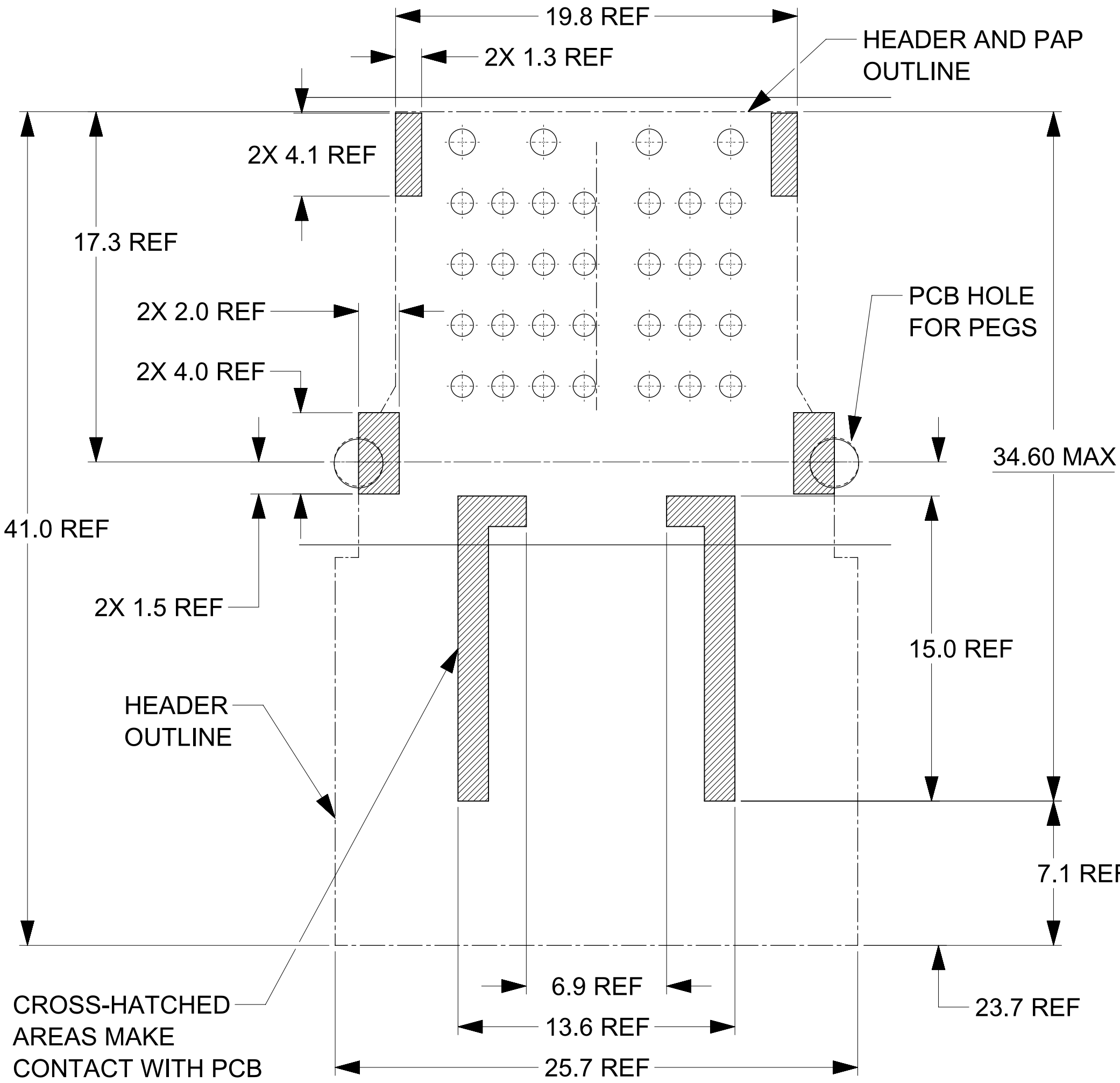


(4.90)
SPACE FOR
MODULE
COVER



FOR PACKAGE SPACE FOR CONNECTOR
UNMATED AND MATED WITH COVER
SEE INTERFACE DRAWINGS (CHART ON SHEET 1)

HEADER OUTLINE AND
PCB - HEADER CONTACT AREAS
FOR REFERENCE ONLY



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE				molex						
	mm		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 0.5°														
	4 PLACES		±												
	DIVISIONAL SYMBOLS	3 PLACES		±		STATUS: Production DRWN: Manikya MD 2026-04-22 CHK'D: Kenneth Dai 2026-05-09 APPR: Ringo Hu 2026-05-11				STAK50H MOD HDR RA MULTI-BAY ASSEM					
		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		200506		SEE TABLE				6 OF 6	