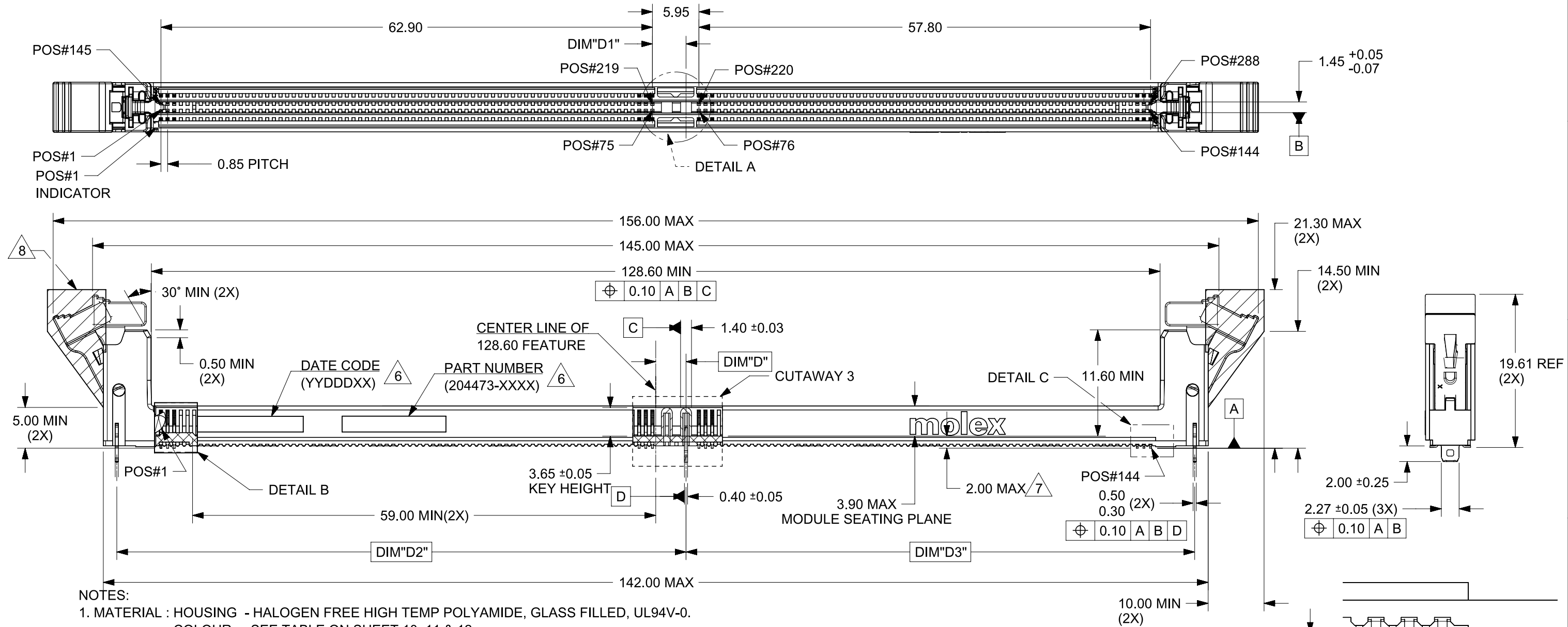
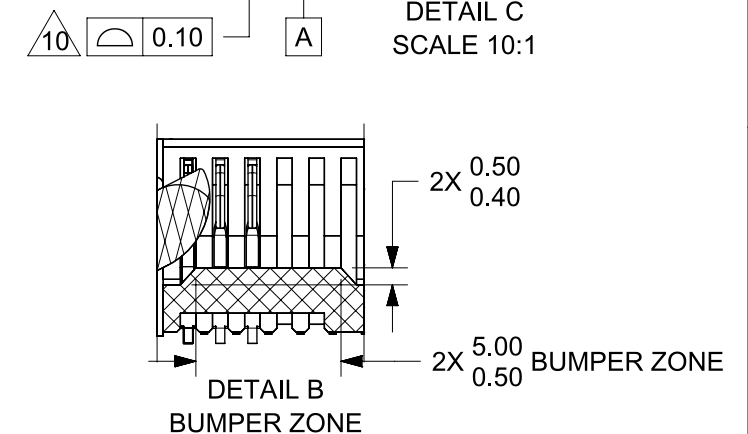
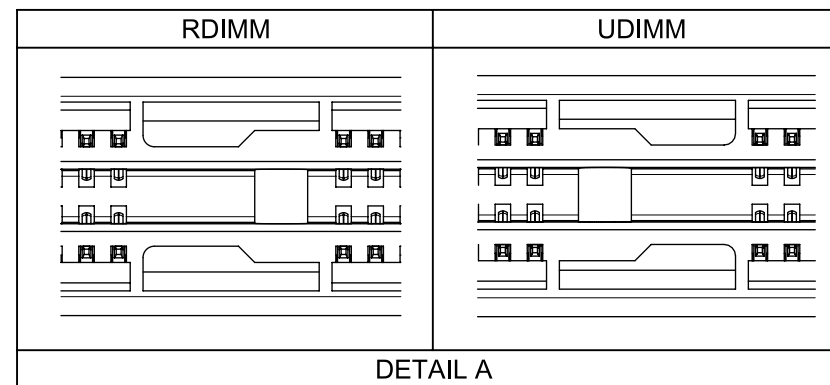


DDR5 288 CKTS CONNECTOR



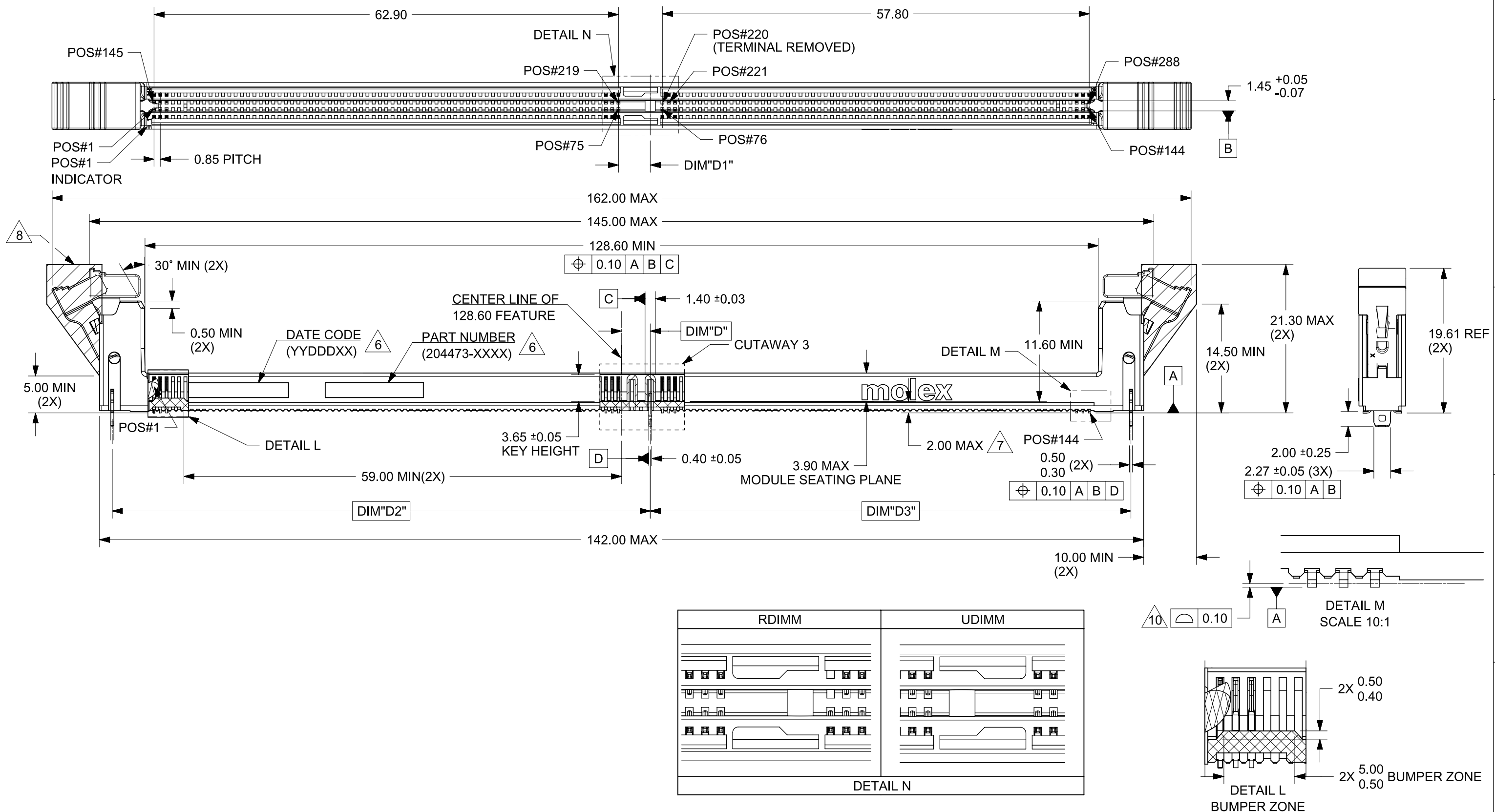
1. MATERIAL : HOUSING - HALOGEN FREE HIGH TEMP POLYAMIDE, GLASS FILLED, UL94V-0.
COLOUR : SEE TABLE ON SHEET 10, 11 & 12.
LATCH - HALOGEN FREE HIGH TEMP POLYAMIDE, GLASS FILLED, UL94V-0.
COLOUR : SEE TABLE ON SHEET 10, 11 & 12.
TERMINAL : COPPER ALLOY.
METALTAB: COPPER ALLOY.

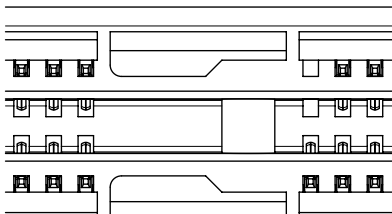
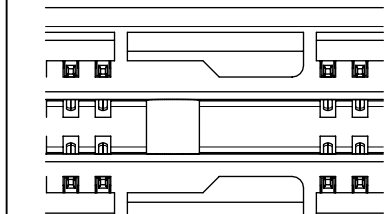
2. FINISHES - SEE TABLE ON SHEET 10, 11 & 12.
3. PRODUCT SPECIFICATION : SEE TABLE ON SHEET 10, 11 & 12.
4. PACKAGING SPECIFICATION: PRODUCT SHALL BE PACKED IN TRAY, SEE SHEET 10, 11 & 12.
5. CARD(FOLLOWS MO-329) SLOT ACCEPTS 1.27 ± 0.10 MM MODULE THICKNESS (MEASURED OVER P.C. PADS).
6. MOLEX LOGO, DATE & PART NO. INDICATED ON HOUSING.
7. MODULE SEATING PLANE.
8. KEEP OUT ZONE RESERVED FOR LATCH.
9. KEEP OUT AREA IS THE AREA (2X SHADED AREAS) WHERE THE HIGHT OF COMPONENTS IS LESS THAN 5.00MM.
10. COPLANARITY MEASUREMENTS ARE MADE BY PLACING THE CONNECTOR ONTO A FLAT STEEL SURFACE.
11. REFER TO 2044730000-AS FOR CONNECTOR APPLICATION GUIDELINE.
12. REFER TO 2044730002-AS FOR PCB ROUTING RECOMMENDATIONS.
13. THE DIMENSION ONLY APPLIES TO THE MODULE AREA AS INDICATED ABOVE THE NOTCH
14. KEEP OUT AREA IS THE AREA (5X SHADED AREAS) WHERE THE CONNECTOR IS MOUNTED ON THE PCB. NO OTHER COMPONENTS ALLOWED TO BE ASSEMBLED ON PCB.
15. NO PASTE AREA IS RESTRICT AREA (4X SHADED AREAS) WHERE PCB MOUNTED WITH SOLDER. NOT ALLOW ANY SOLDER FROM AREA OF FORKLOCK.

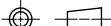


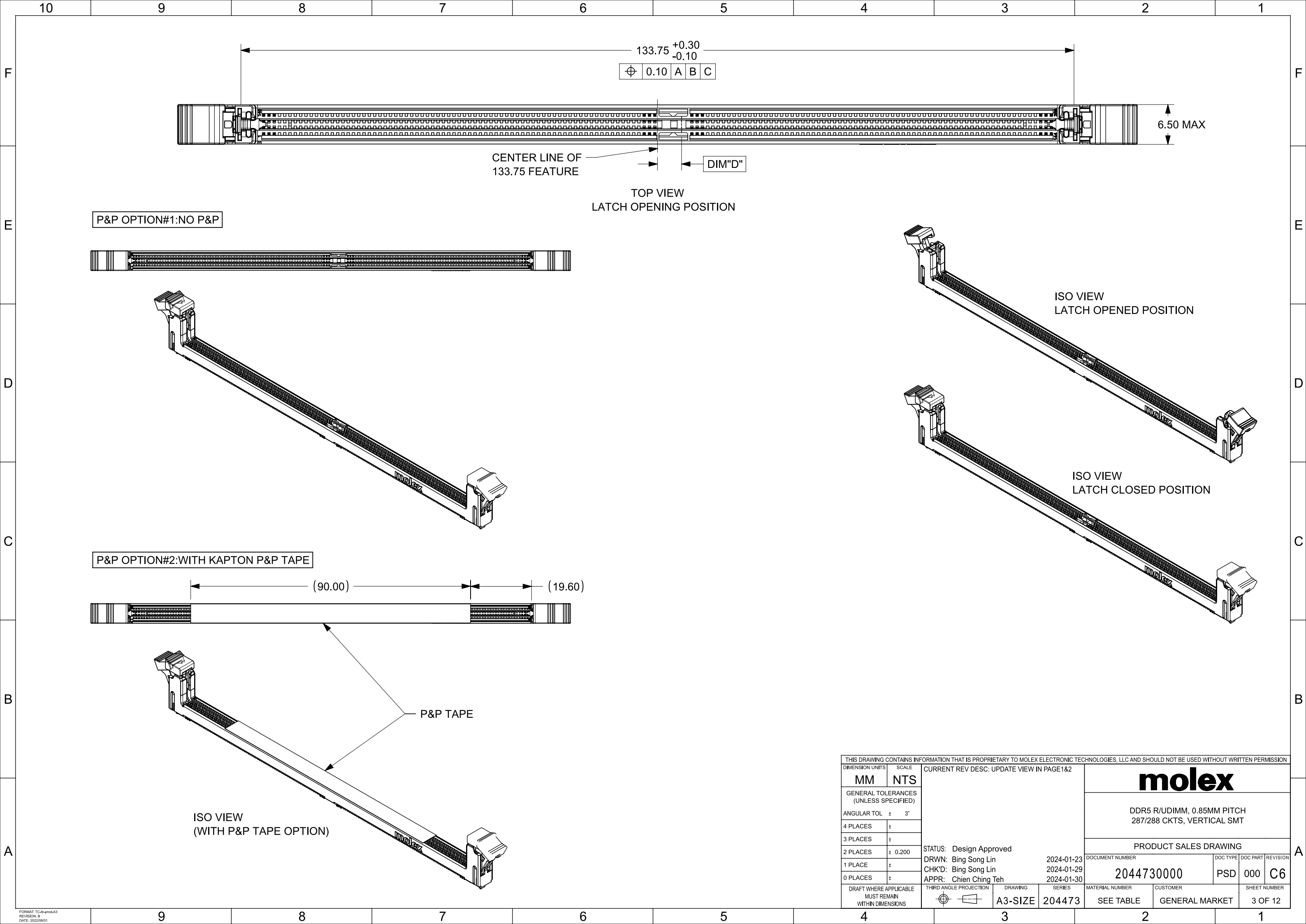
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATE VIEW IN PAGE1&2				molex DDR5 R/UDIMM, 0.85MM PITCH 287/288 CKTS, VERTICAL SMT									
MM		NTS															
GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL		± 3°															
4 PLACES		±		PRODUCT SALES DRAWING						DOCUMENT NUMBER 2044730000		DOC TYPE PSD		DOC PART 000		REVISION C6	
3 PLACES		±															
2 PLACES		± 0.200															
1 PLACE		±		STATUS: Design Approved		2024-01-23											
0 PLACES		±		DRWN: Bing Song Lin		2024-01-29											
APPR: Chien Ching Teh				2024-01-30													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						A3-SIZE		204473		SEE TABLE		GENERAL MARKET		1 OF 12			

DDR5 287 CKTS CONNECTOR

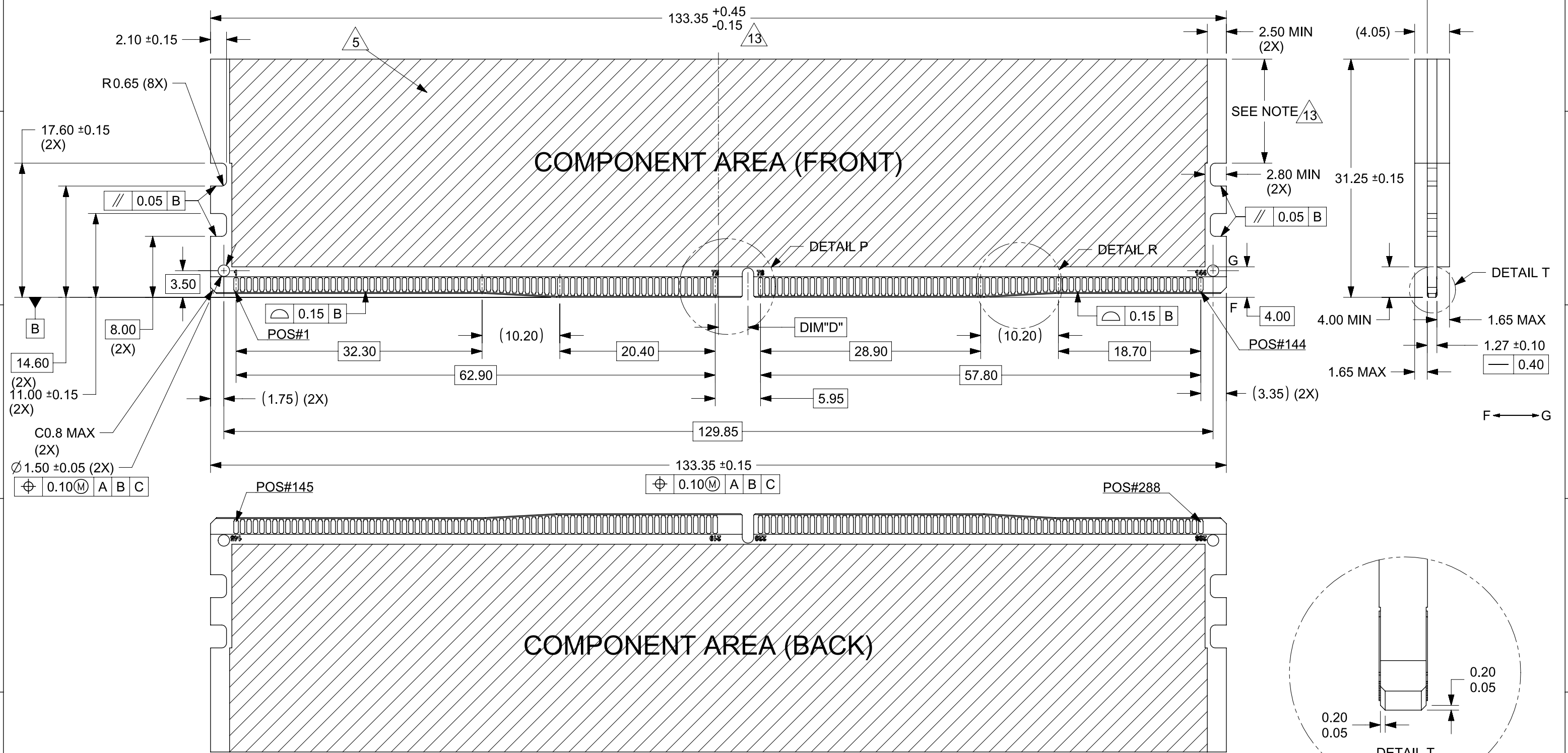


RDIMM	UDIMM
	
DETAIL N	

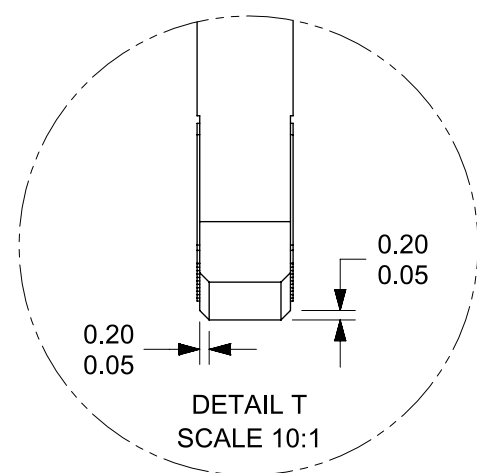
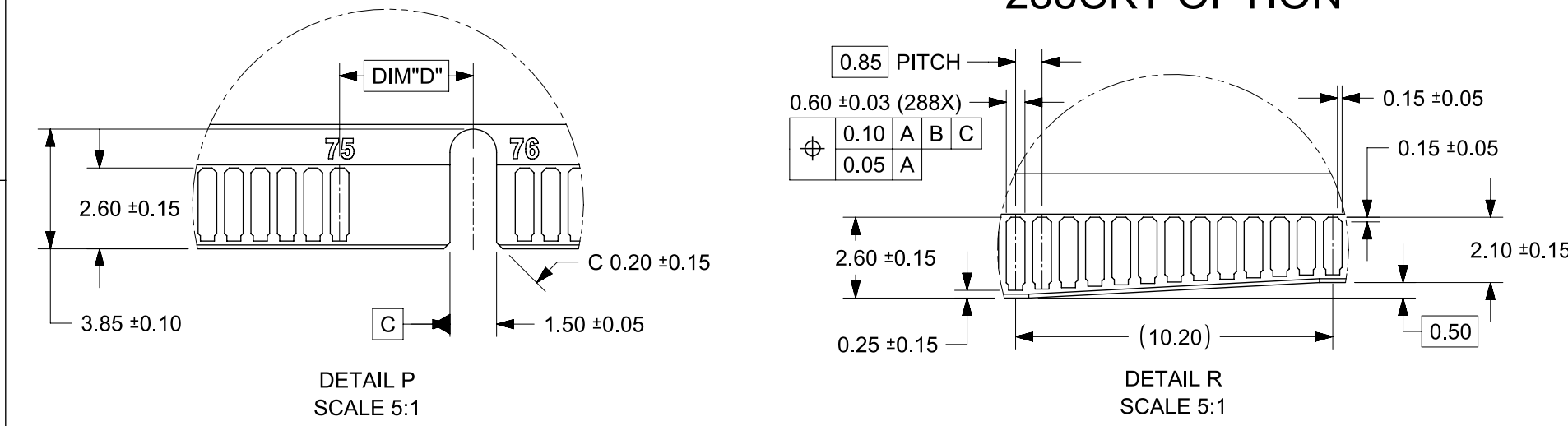
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					
DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATE VIEW IN PAGE1&2			molex DDR5 R/UDIMM, 0.85MM PITCH 287/288 CKTS, VERTICAL SMT PRODUCT SALES DRAWING <table><tr><td>DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td>2044730000</td><td>PSD</td><td>000</td><td>C6</td></tr></table>			DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	2044730000	PSD	000	C6				
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION																		
2044730000	PSD	000	C6																		
MM		NTS																			
GENERAL TOLERANCES (UNLESS SPECIFIED)																					
ANGULAR TOL ± 3°																					
4 PLACES ±				STATUS: Design Approved DRWN: Bing Song Lin 2024-01-23 CHK'D: Bing Song Lin 2024-01-30 APPR: Chien Ching Teh 2024-01-30			THIRD ANGLE PROJECTION  DRAWING A3-SIZE			SERIES 204473		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 12					
3 PLACES ±																					
2 PLACES ± 0.200																					
1 PLACE ±																					
0 PLACES ±																					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																					

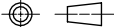


MODULE CARD - FOLLOWS MO-329 (288 CKT)

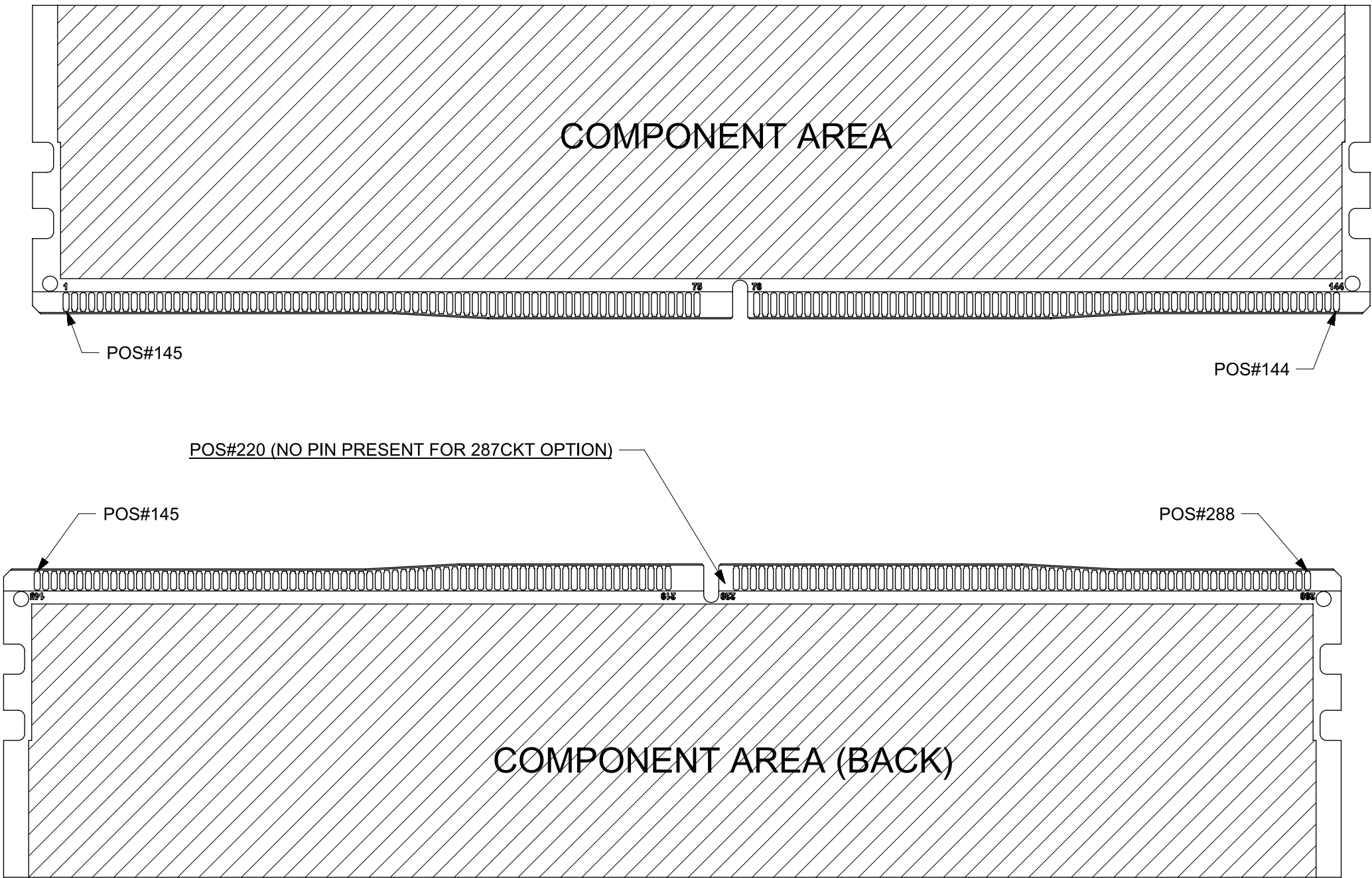


288CKT OPTION



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: UPDATE VIEW IN PAGE1&2				molex DDR5 R/UDIMM, 0.85MM PITCH 287/288 CKTS, VERTICAL SMT	
MM		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL		±		3°					
4 PLACES		±							
3 PLACES		±							
2 PLACES		± 0.200							
1 PLACE		±							
0 PLACES		±							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A3-SIZE		204473		SEE TABLE	
								GENERAL MARKET	
STATUS: Design Approved				2024-01-23		2024-01-29		2024-01-30	
DRWN: Bing Song Lin				2024-01-23		2024-01-29		2024-01-30	
CHK'D: Bing Song Lin				2024-01-29		2024-01-30			
APPR: Chien Ching Teh				2024-01-30					
				DOCUMENT NUMBER		DOC TYPE		DOC PART	
				2044730000		PSD		000	
								C6	
								SHEET NUMBER	
								4 OF 12	

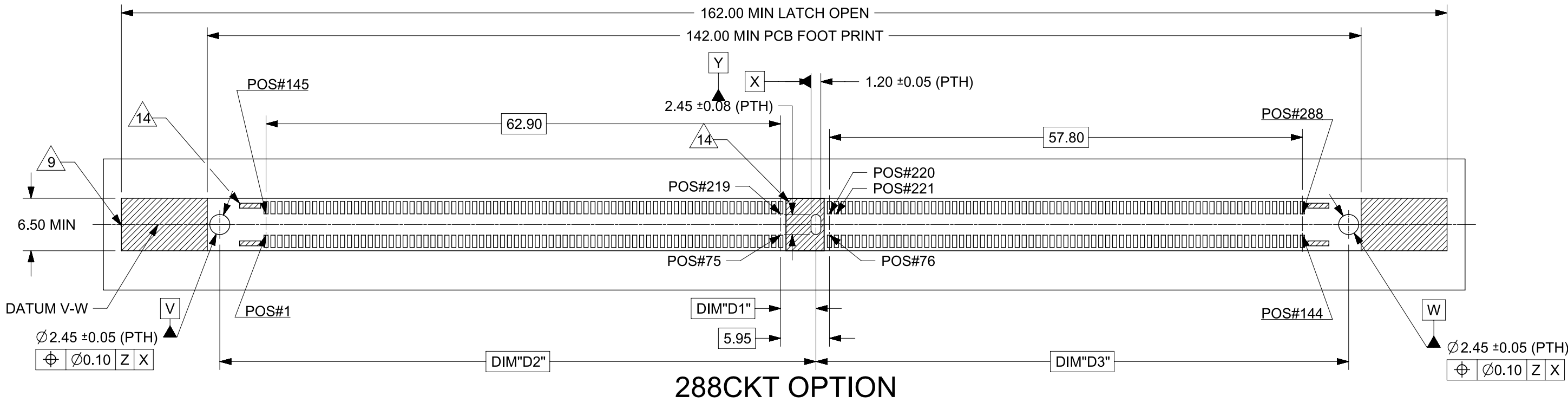
MODULE CARD - FOLLOWS MO-329 (287 CKT)



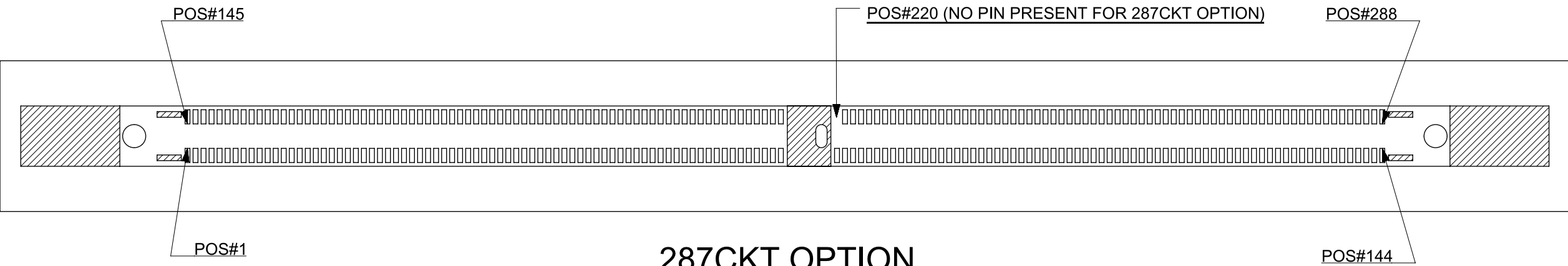
287CKT OPTION

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: UPDATE VIEW IN PAGE1&2							
MM		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex DDR5 R/UDIMM, 0.85MM PITCH 287/288 CKTS, VERTICAL SMT PRODUCT SALES DRAWING							
ANGULAR TOL		±	3°								
4 PLACES		±									
3 PLACES		±									
2 PLACES		± 0.200									
1 PLACE		±		STATUS: Design Approved		2024-01-23		DOCUMENT NUMBER			
0 PLACES		±		DRWN: Bing Song Lin		2024-01-29		2044730000		PSD	000
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
				A3-SIZE		204473		SEE TABLE		GENERAL MARKET	
										SHEET NUMBER	
										5 OF 12	

RECOMMENDED PCB FOOTPRINT (HOLE OPTION)



288CKT OPTION



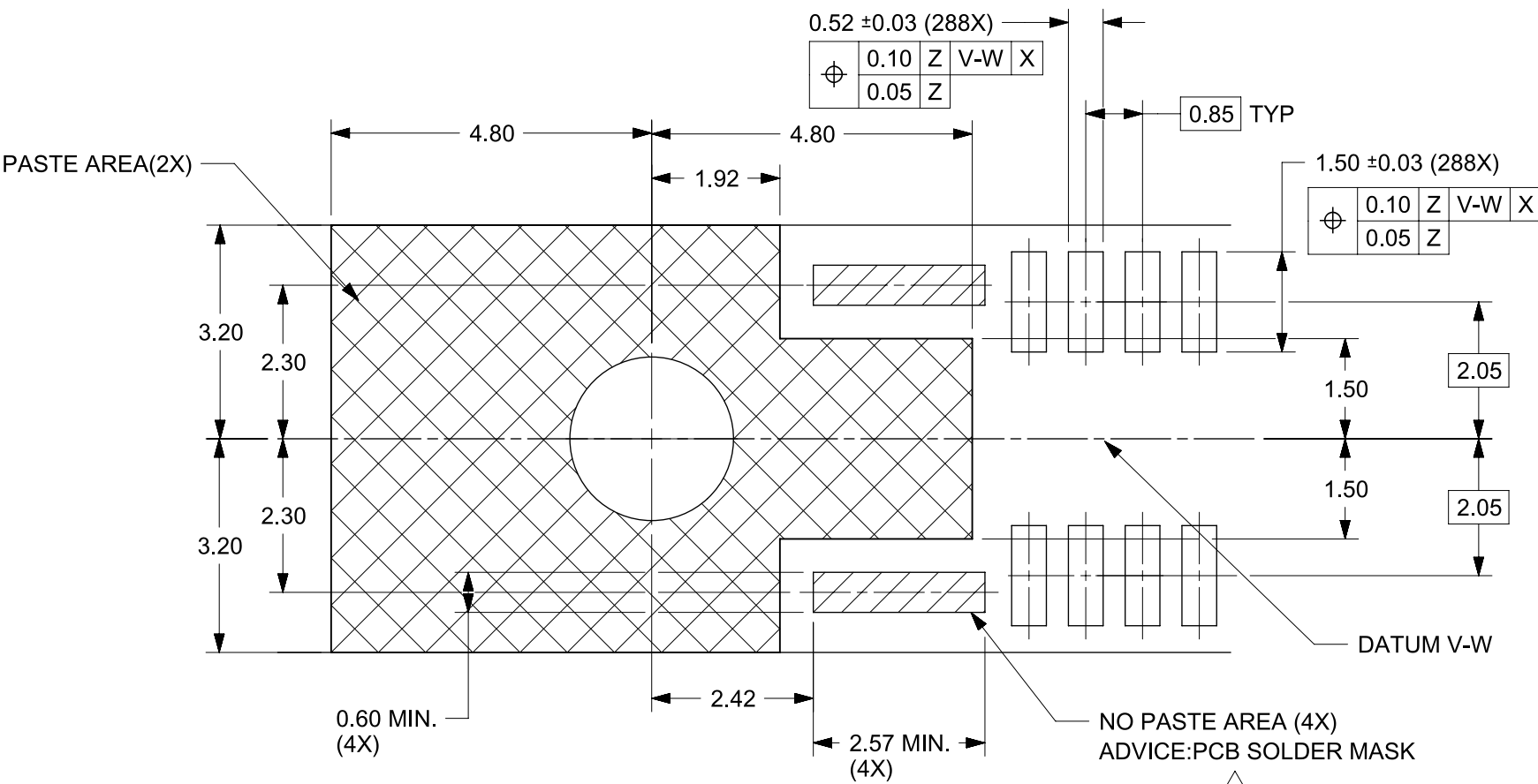
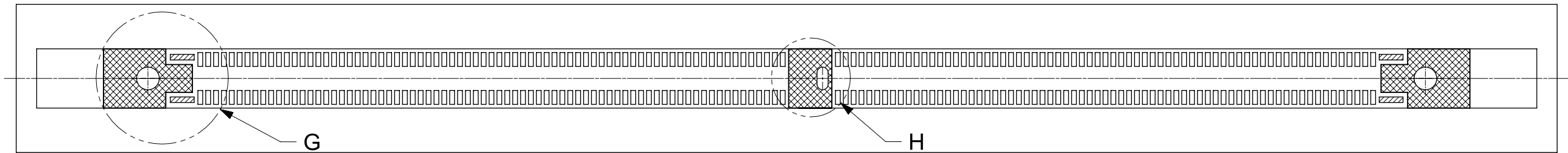
287CKT OPTION

RECOMMENDED PCB THICKNESS: 1.57MM TO 3.18MM

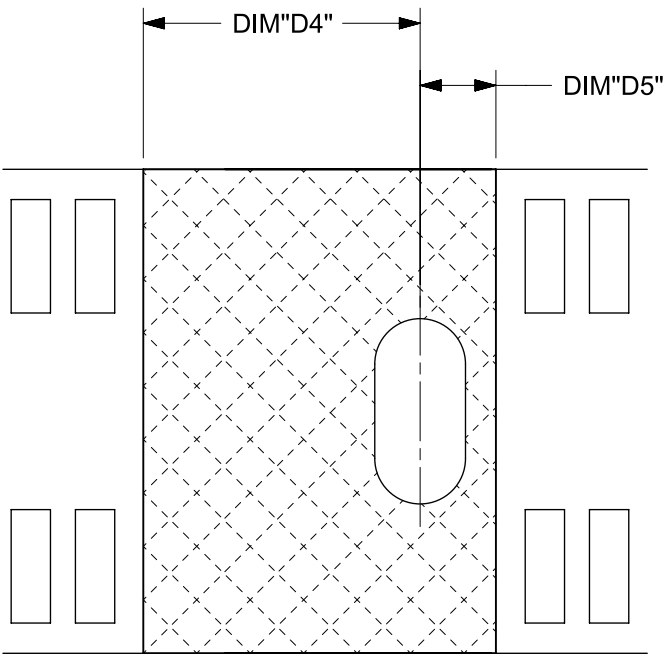
RECOMMENDED PCB FOOTPRINT (OPTION1)

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: update view in page1&2 molex DDR5 R/UDIMM, 0.85MM PITCH 287/288 CKTS, VERTICAL SMT PRODUCT SALES DRAWING DOCUMENT NUMBER 2044730000 DOC TYPE PSD DOC PART 000 REVISION C6					
MM		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 3°									
4 PLACES		±		STATUS: Design Approved DRWN: Bing Song Lin 2024-01-23 CHK'D: Bing Song Lin 2024-01-29 APPR: Chien Ching Teh 2024-01-30					
3 PLACES		±							
2 PLACES		± 0.200							
1 PLACE		±							
0 PLACES		±		THIRD ANGLE PROJECTION DRAWING A3-SIZE SERIES 204473					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
SEE TABLE		GENERAL MARKET		6 OF 12					

RECOMMENDED PCB FOOTPRINT - SOLDER PASTE DETAIL (HOLE OPTION)

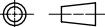


DETAIL G
SCALE 10:1
SIDE SOLDER PASTE AREA
(FOR 2X CIRCLE)

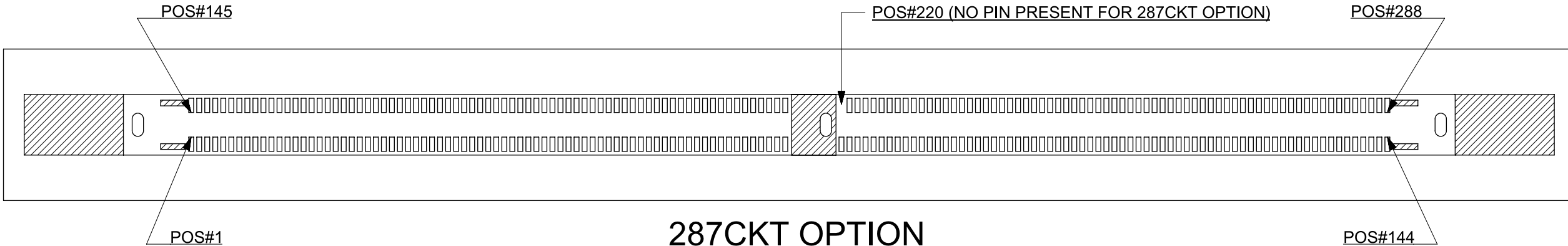
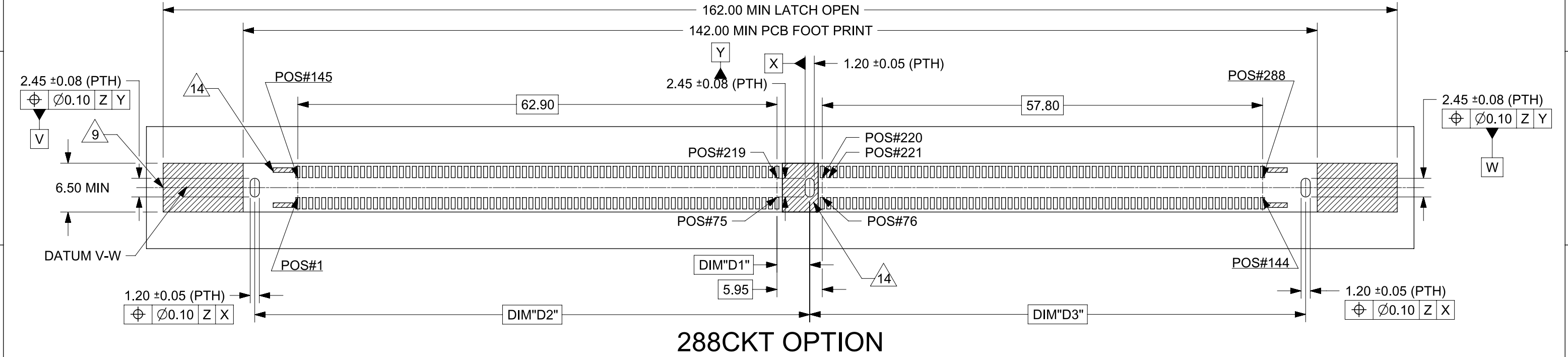


DETAIL H
SCALE 10:1
MIDDLE SOLDER PASTE AREA
(FOR 1X SLOT)

RECOMMENDED PCB FOOTPRINT (OPTION1)

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: UPDATE VIEW IN PAGE1&2									
MM		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL		± 3°											
4 PLACES		±											
3 PLACES		±											
2 PLACES		± 0.200		STATUS: Design Approved DRWN: Bing Song Lin 2024-01-23 CHK'D: Bing Song Lin 2024-01-29 APPR: Chien Ching Teh 2024-01-30									
1 PLACE		±											
0 PLACES		±											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		204473		SEE TABLE		GENERAL MARKET		7 OF 12	
molex DDR5 R/UDIMM, 0.85MM PITCH 287/288 CKTS, VERTICAL SMT PRODUCT SALES DRAWING DOCUMENT NUMBER2044730000DOC TYPEPSDDOC PART000REVISIONC6													

RECOMMENDED PCB FOOTPRINT (SLOT OPTION)

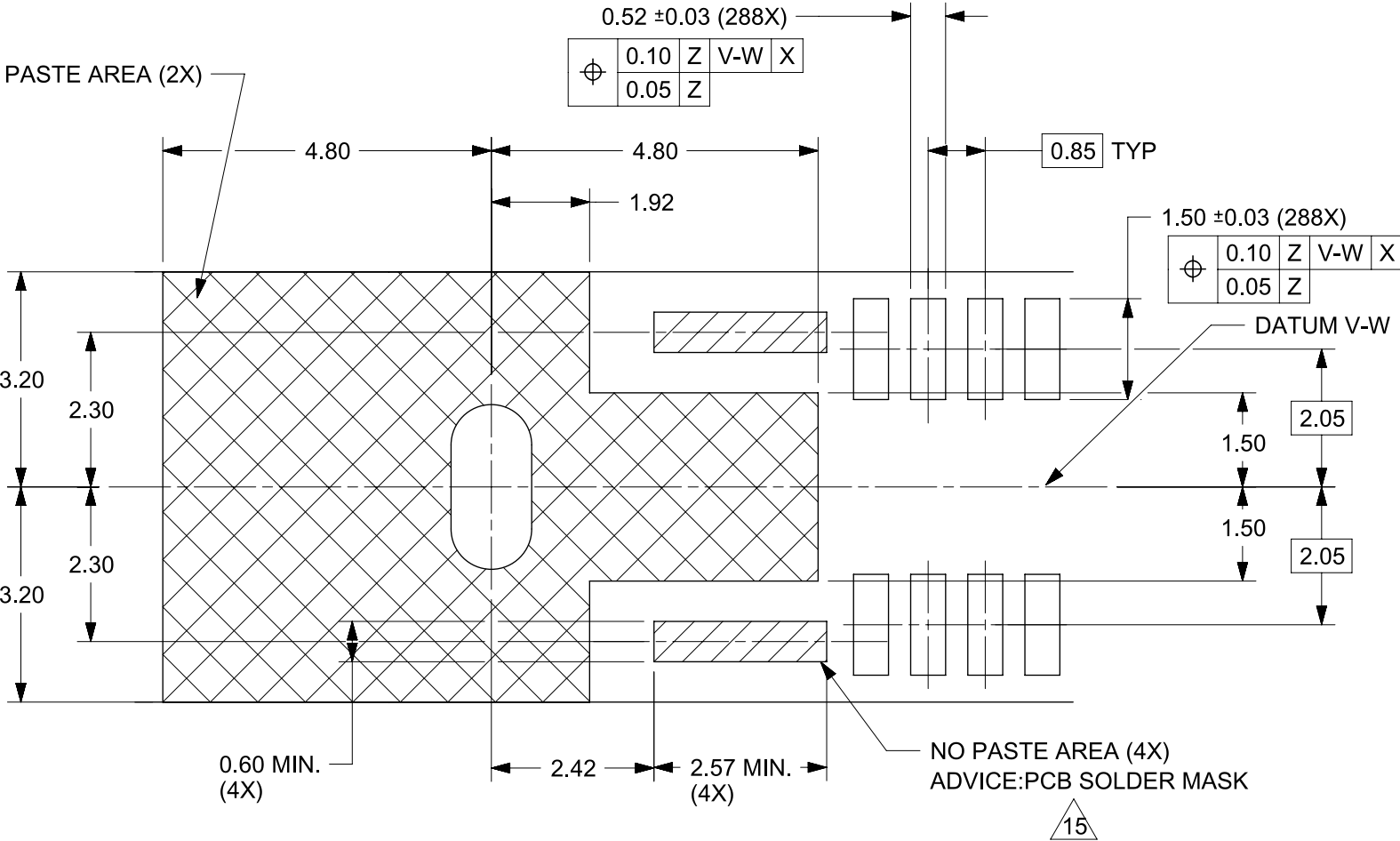
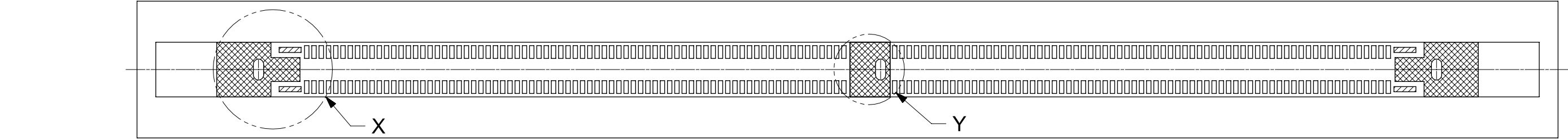


RECOMMENDED PCB THICKNESS: 1.57MM TO 3.18MM

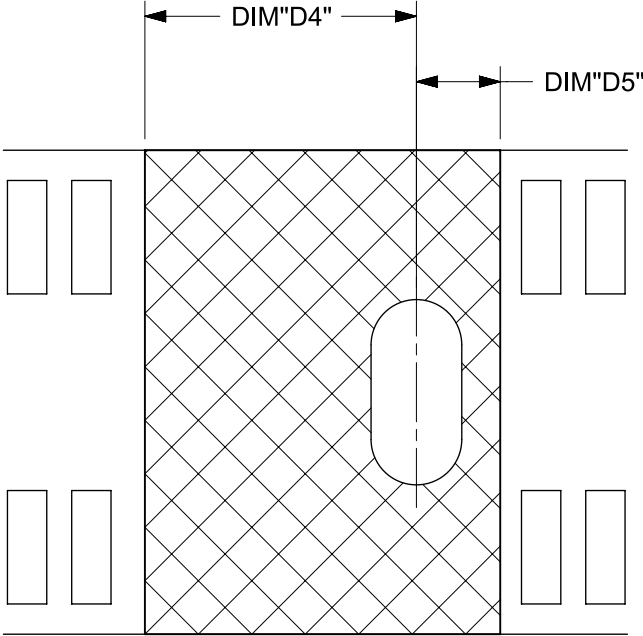
RECOMMENDED PCB FOOTPRINT (OPTION2)

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: UPDATE VIEW IN PAGE1&2					
MM		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex DDR5 R/UDIMM, 0.85MM PITCH 287/288 CKTS, VERTICAL SMT PRODUCT SALES DRAWING DOCUMENT NUMBER2044730000DOC TYPEPSDDOC PART000REVISIONC6 STATUS: Design Approved DRWN: Bing Song Lin2024-01-23 CHK'D: Bing Song Lin2024-01-29 APPR: Chien Ching Teh2024-01-30 SERIES204473MATERIAL NUMBERSEE TABLECUSTOMERGENERAL MARKETSHEET NUMBER8 OF 12					
ANGULAR TOL		± 3°							
4 PLACES		±							
3 PLACES		±							
2 PLACES		± 0.200							
1 PLACE		±							
0 PLACES		±							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						A3-SIZE		204473	

RECOMMENDED PCB FOOTPRINT - SOLDER PASTE DETAIL (SLOT OPTION)



DETAIL X
SCALE 10:1
SIDE SOLDER PASTE AREA
(FOR 2X SLOT)



DETAIL Y
SCALE 10:1
MIDDLE SOLDER PASTE AREA
(FOR 1X SLOT)

RECOMMENDED PCB FOOTPRINT (OPTION2)

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: UPDATE VIEW IN PAGE1&2					
MM		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				STATUS: Design Approved DRWN: Bing Song Lin2024-01-23 CHK'D: Bing Song Lin2024-01-29 APPR: Chien Ching Teh2024-01-30					
ANGULAR TOL ± 3°									
4 PLACES		±		PRODUCT SALES DRAWING DOCUMENT NUMBER2044730000DOC TYPEPSDDOC PART000REVISIONC6					
3 PLACES		±							
2 PLACES		± 0.200		MATERIAL NUMBERCUSTOMERSHEET NUMBER SEE TABLEGENERAL MARKET9 OF 12					
1 PLACE		±							
0 PLACES		±							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWINGA3-SIZE		SERIES204473	

