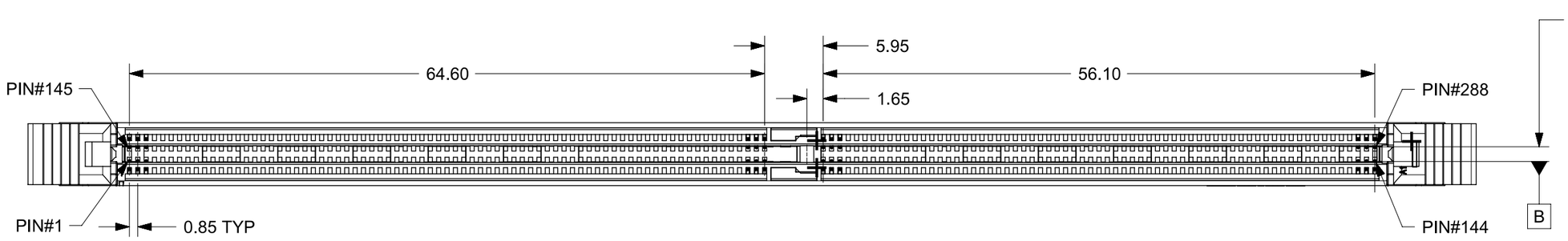
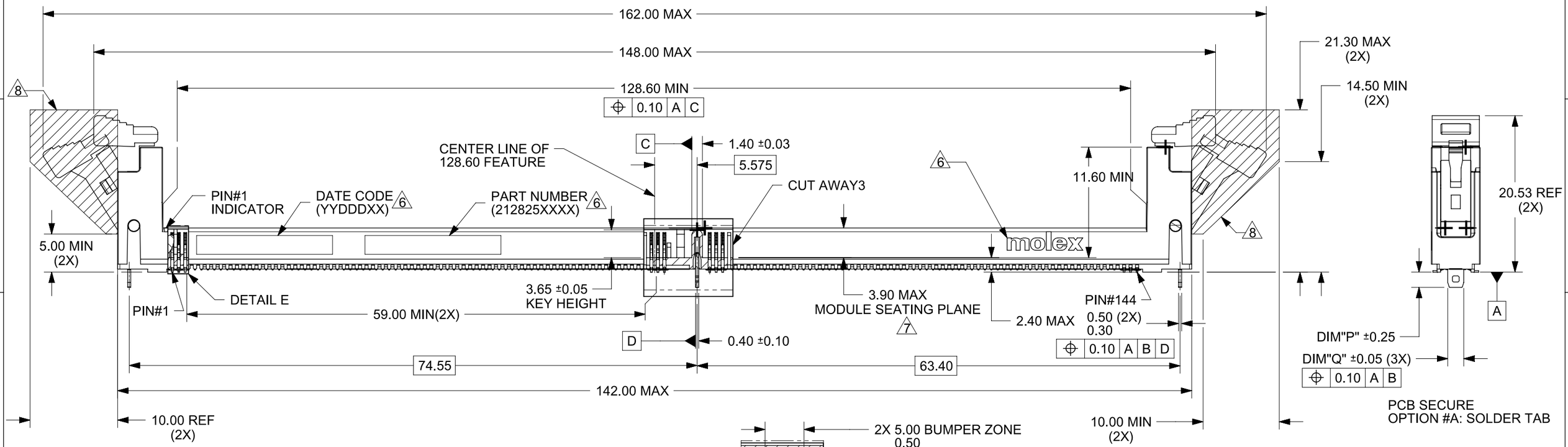
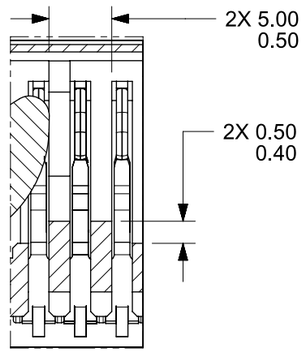
DDR4 288CKTS VERT SMT (SOLDER TAB)







DETAIL E : BUMPER ZONE

NOTES:

1. MATERIAL : HOUSING - HALOGEN FREE HIGH TEMP POLYAMIDE, GLASS FILLED, UL94V-0.
   COLOUR : SEE TABLE ON SHEET 6~7.
   LATCH - HALOGEN FREE HIGH TEMP POLYAMIDE, GLASS FILLED, UL94V-0.
   COLOUR : SEE TABLE ON SHEET 6.
   TERMINAL : COPPER ALLOY.
   METALTAB: COPPER ALLOY.
2. FINISHES - SEE TABLE ON SHEET 6.
3. PRODUCT SPECIFICATION : SEE TABLE ON SHEET 6.
4. PACKAGING SPECIFICATION: PRODUCT SHALL BE PACKED IN TRAY, SEE SHEET 6
5. CARD SLOT ACCEPTS 1.40±0.10MM 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 WHERE THE CONNECTOR (INCLUDES LATCHES IN OPENING POSITION) IS MOUNTED ON THE PCB.
10. REFER TO AS-78730-001 FOR CONNECTOR APPLICATION GUIDELINE.
11. REFER TO AS-78730-002 FOR PCB ROUTING RECOMMENDATIONS.

THIS DESIGN IS BASED ON DESIGN OBJECTIVES AND IS STRICTLY TENTATIVE. IT MAY CHANGE BASED ON RESULTS OF ADDITIONAL DESIGN REVIEWS AND VERIFICATIONS.

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

FUNCTIONAL SYMBOLS FA = 0, FC = 0, FP = 0	DIMENSION UNITS: mm	SCALE: NTS	CURRENT REV DESC: UPDATE DRAWING
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		STATUS: Design Approved
	ANGULAR TOL ± 0.5°		DRWN: Aswin A 2023-07-13
	4 PLACES ±		CHK'D: Chien Ching Teh 2023-07-25
	3 PLACES ±		APPR: Chien Ching Teh 2023-07-25
	2 PLACES ±		
	1 PLACE ±		
	0 PLACES ±		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING: A3-SIZE / SERIES: 212825

molex

DDR4 DIMM, 0.85MM PITCH
288CKTS,VERT.SMT

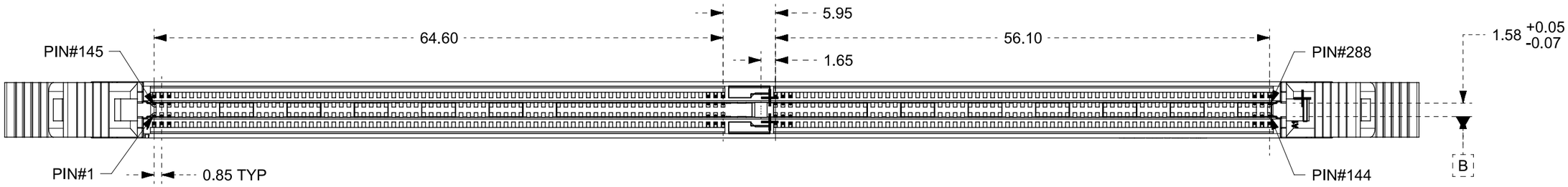
PRODUCT SALES DRAWING

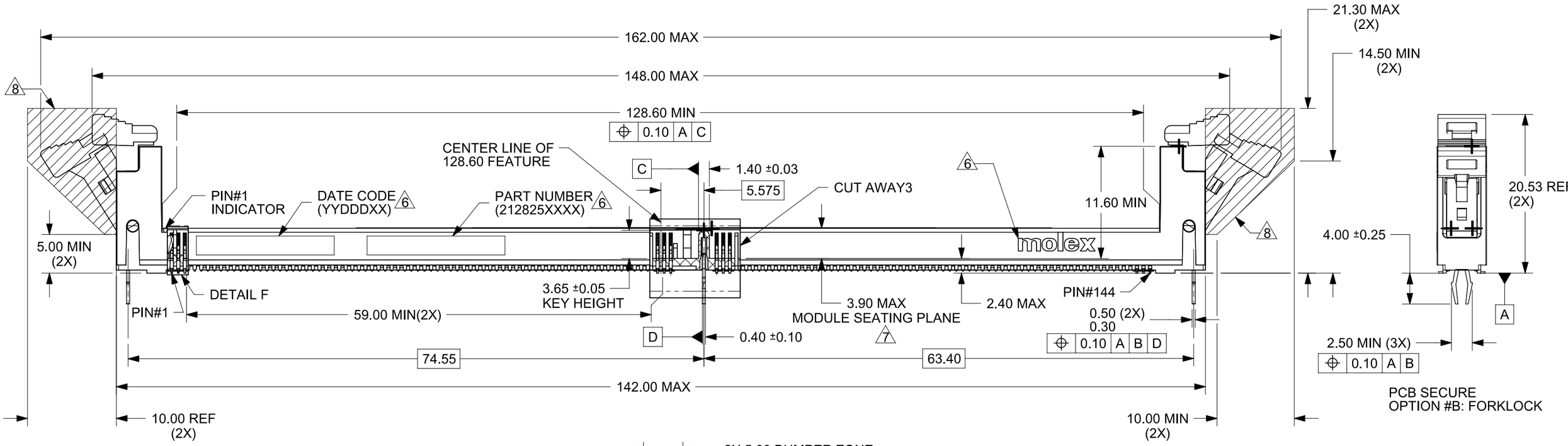
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2128250001	PSD	000	A7

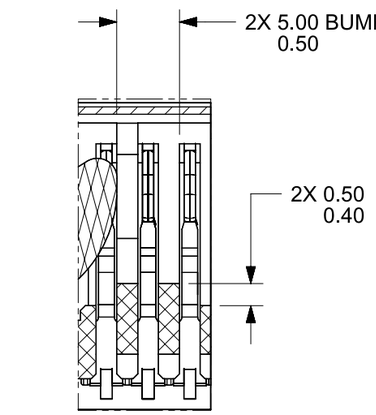
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	1 OF 7

FORMAT: TC-4b-prod-A3
REVISION: B
DATE: 2022/08/01

DDR4 288CKTS VERT SMT (FORKLOCK)







DETAIL F : BUMPER ZONE

THIS DESIGN IS BASED ON DESIGN OBJECTIVES AND IS STRICTLY TENTATIVE. IT MAY CHANGE BASED ON RESULTS OF ADDITIONAL DESIGN REVIEWS AND VERIFICATIONS.

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FUNCTIONAL SYMBOLS	DIMENSION UNITS: mm	SCALE: NTS	CURRENT REV DESC: UPDATE DRAWING
FA = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
FC = 0	ANGULAR TOL ± 0.5°		
FP = 0	4 PLACES ±		
DIVISIONAL SYMBOLS	3 PLACES ±		
	2 PLACES ±		
	1 PLACE ±		
	0 PLACES ±		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING: A3-SIZE / SERIES: 212825

STATUS: Design Approved
DRWN: Aswin A 2023-07-13
CHK'D: Chien Ching Teh 2023-07-25
APPR: Chien Ching Teh 2023-07-25

molex

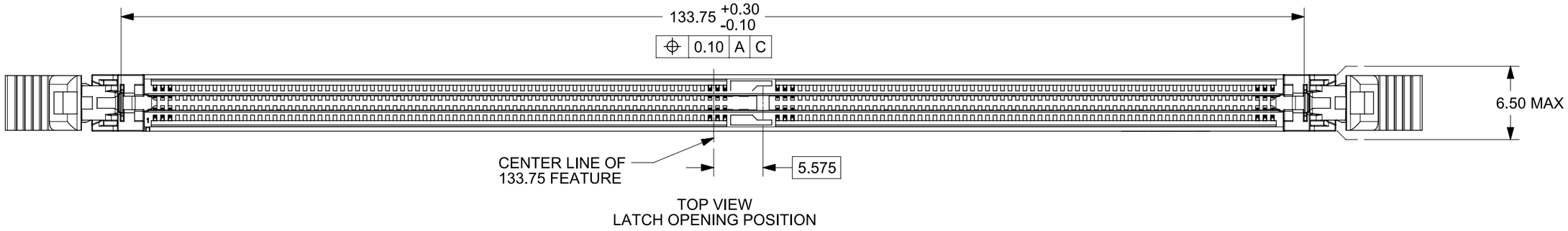
DDR4 DIMM, 0.85MM PITCH
288CKTS,VERT.SMT

PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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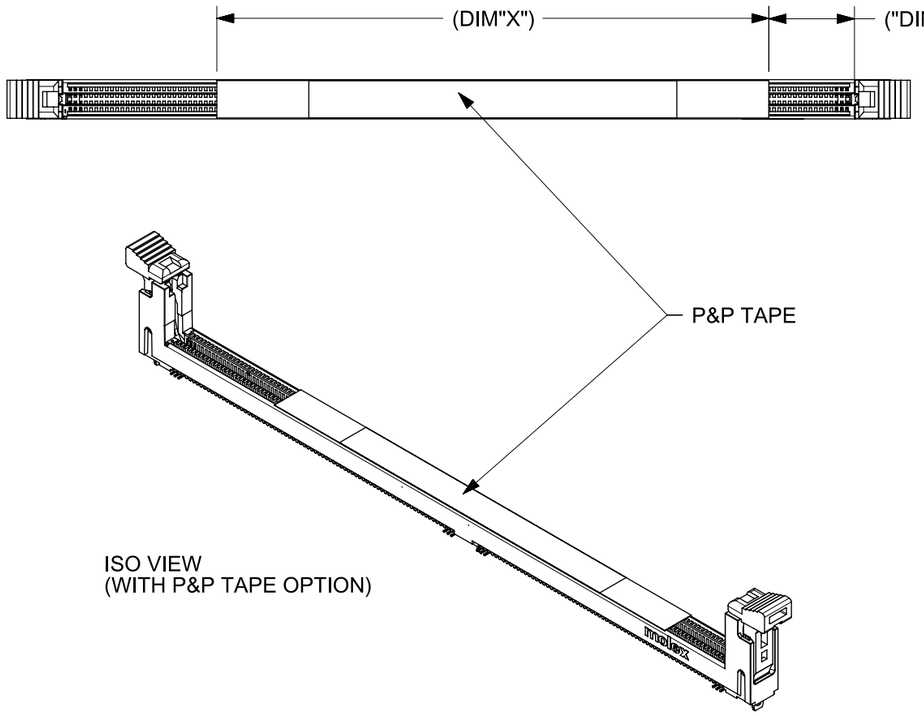
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	2 OF 7

FORMAT: TC-db-prod-A3
REVISION: B
DATE: 2022/08/01

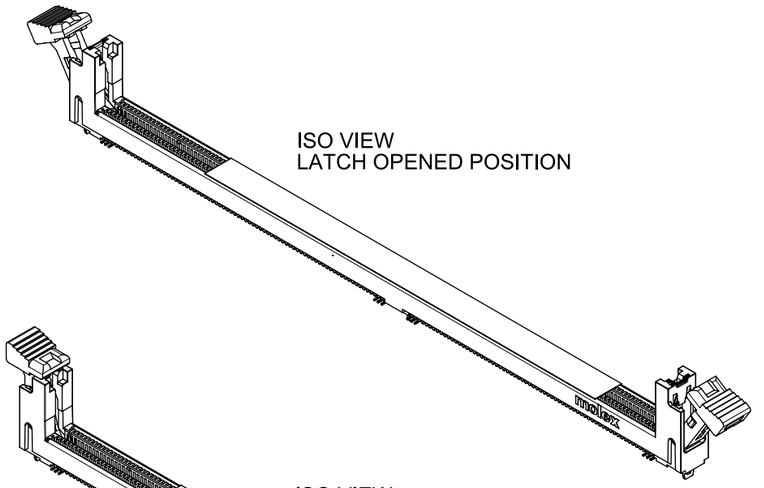


TOP VIEW
LATCH OPENING POSITION

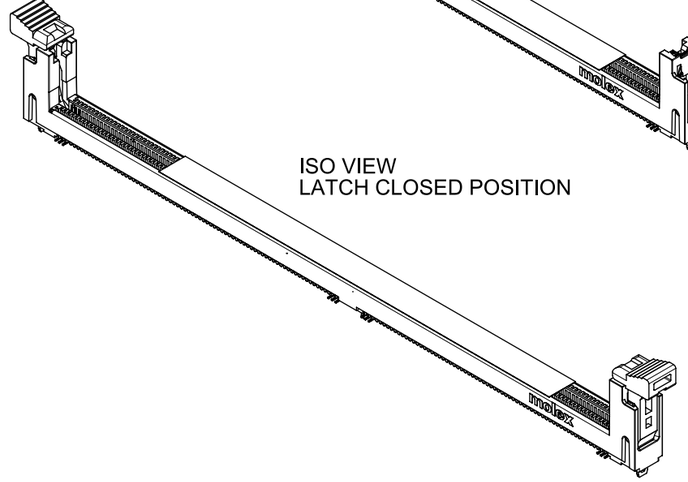
VIEWS WITH P&P TAPE OPTION



ISO VIEW
(WITH P&P TAPE OPTION)



ISO VIEW
LATCH OPENED POSITION



ISO VIEW
LATCH CLOSED POSITION

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FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	NTS

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

CURRENT REV DESC: UPDATE DRAWING

STATUS: Design Approved
DRWN: Aswin A 2023-07-13
CHK'D: Chien Ching Teh 2023-07-25
APPR: Chien Ching Teh 2023-07-25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 212825

molex

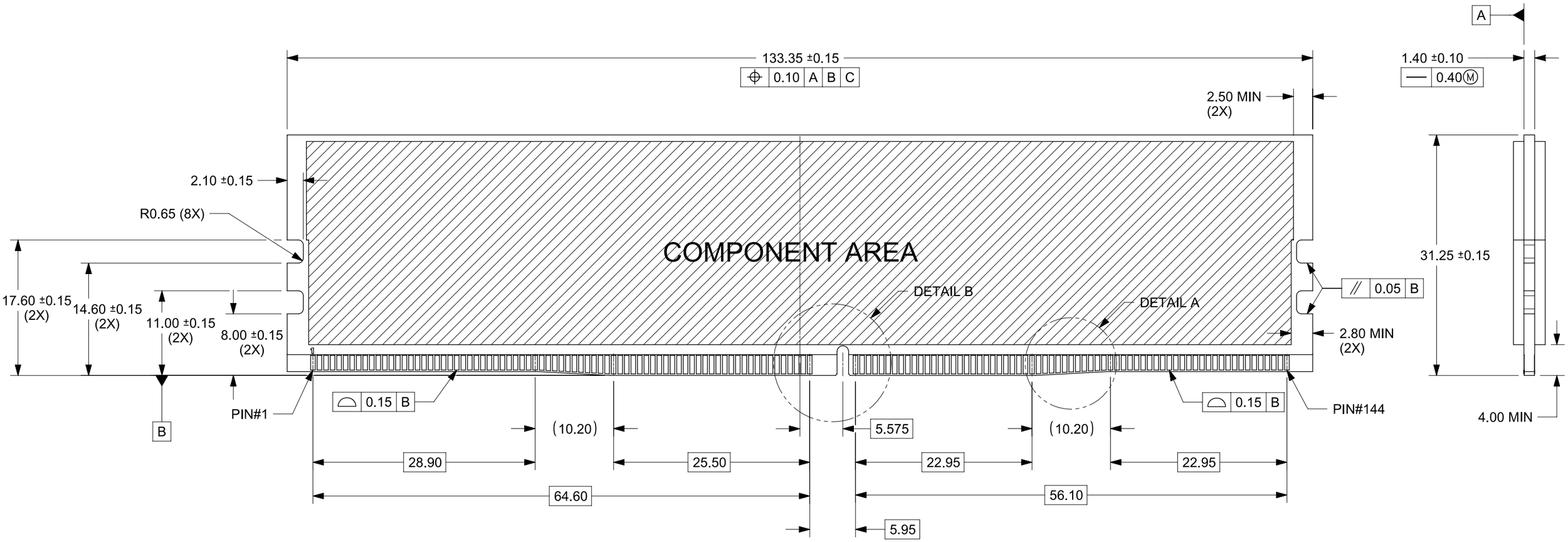
DDR4 DIMM, 0.85MM PITCH
288CKTS,VERT.SMT

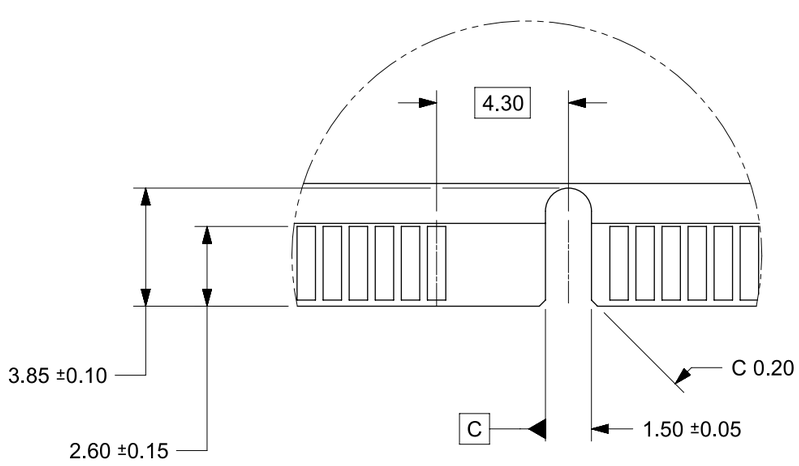
PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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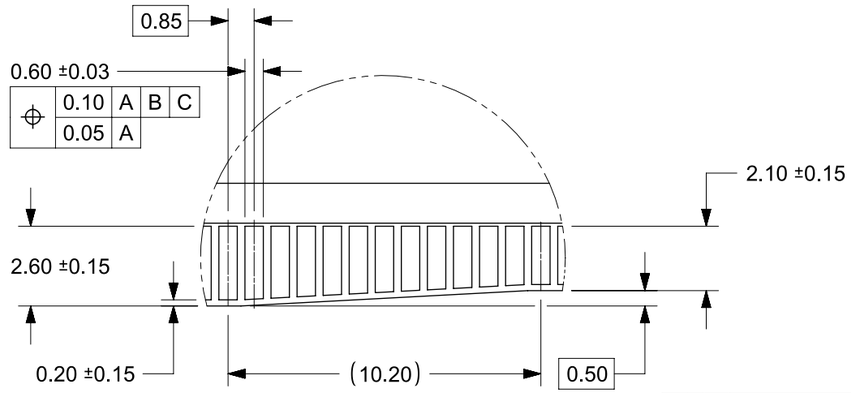
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	3 OF 7

FORMAT: TC-tb-prod-A3
REVISION: B
DATE: 2022/08/01





DETAIL B



DETAIL A

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FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	NTS

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

CURRENT REV DESC: UPDATE DRAWING

STATUS: Design Approved
DRWN: Aswin A 2023-07-13
CHK'D: Chien Ching Teh 2023-07-25
APPR: Chien Ching Teh 2023-07-25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 212825

molex

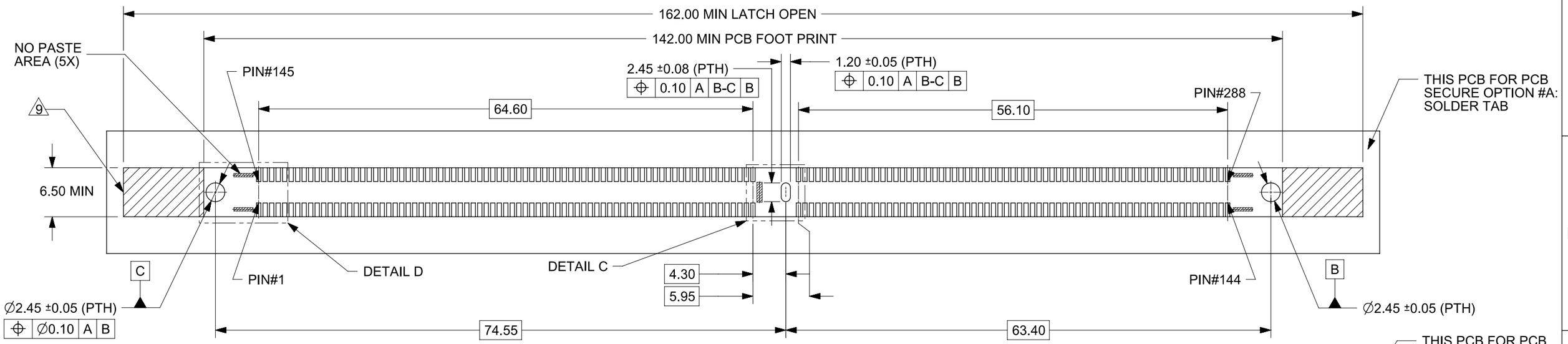
DDR4 DIMM, 0.85MM PITCH
288CKTS,VERT.SMT

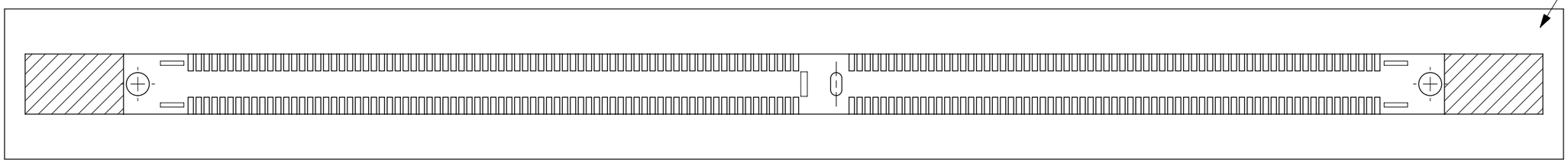
PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2128250001	PSD	000	A7

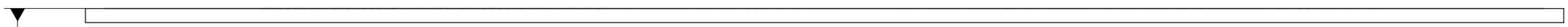
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	4 OF 7

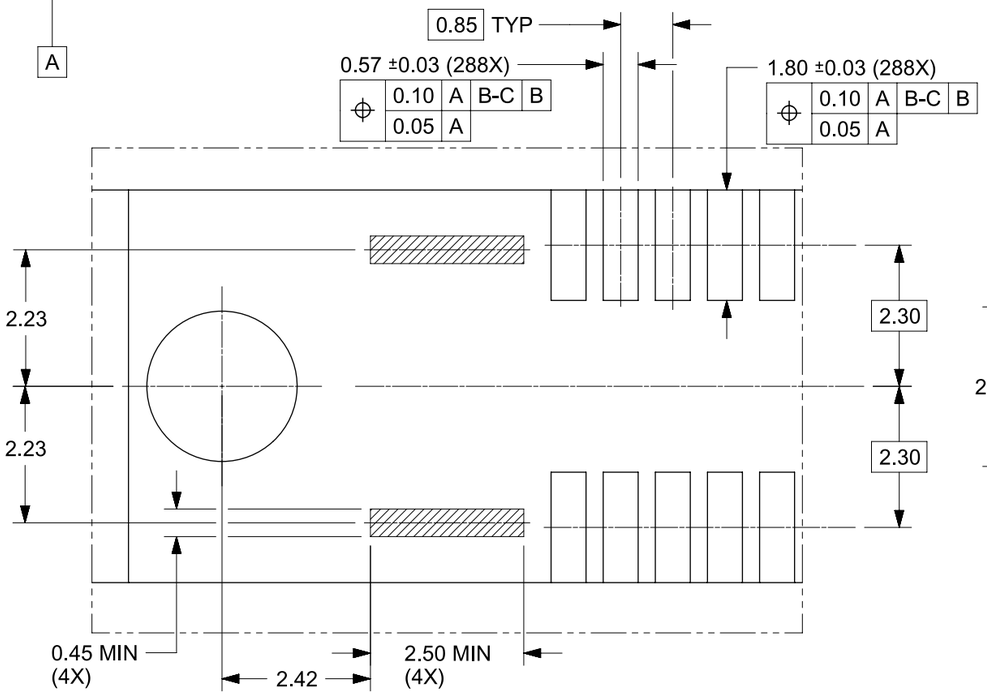
FORMAT: TC-tb-prod-A3
REVISION: B
DATE: 2022/08/01



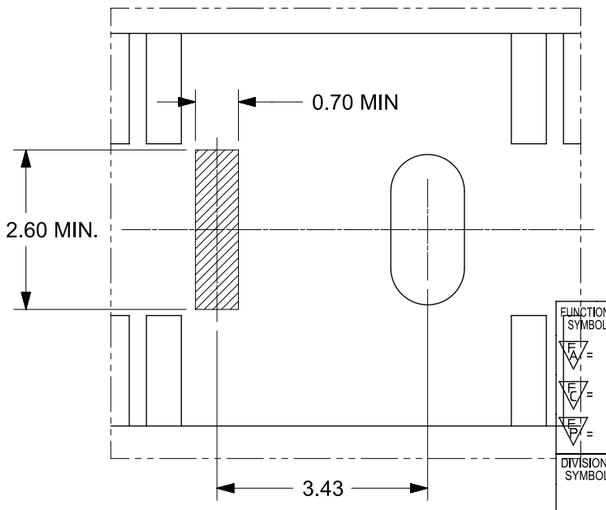


PCB HAS NO PASTE AREA





DETAIL D



DETAIL C

RECOMMENDED PCB THICKNESS: 1.57MM TO 3.18MM

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FUNCTIONAL SYMBOLS
F A = 0
F C = 0
F B = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	NTS

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

CURRENT REV DESC: UPDATE DRAWING

STATUS: Design Approved
DRWN: Aswin A 2023-07-13
CHK'D: Chien Ching Teh 2023-07-25
APPR: Chien Ching Teh 2023-07-25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 212825

molex

DDR4 DIMM, 0.85MM PITCH
288CKTS,VERT.SMT

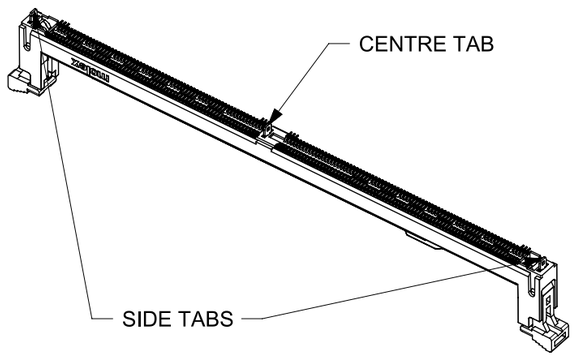
PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2128250001	PSD	000	A7

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	5 OF 7

FORMAT: TC-tb-prod-A3
REVISION: B
DATE: 2022/08/01

CKT SIZE	ASSEMBLY PART NO.	HOUSING COLOUR	LATCH COLOUR	P&P OPTION	PCB SECURE	DIM"P"	DIM"Q" SIDE TAB	DIM"Q" CENTRE TAB	PLATING OPTION TERMINAL	PLATING OPTION METAL TAB	PRODUCT SPEC. NO.	PACKAGING SPEC. NO.
288	2128251502	BLACK	BLACK	NO	OPTION#A: SOLDERTAB	2.00	2.10		CONTACT AREA 0.76µM/30µIN MIN GOLD ON CONTACT 2.54µM/100µIN MIN NICKEL UNDERPLATE TAIL AREA 2.54µM/100µIN MIN TIN ON SOLDERTAILS 1.27µM/50µIN MIN NICKEL UNDERPLATE	1 MICROMETER (40 MICROINCH) MIN TIN OVERALL (PRE-PLATED)	PS-78730-001	PK-78730-001
	2128251503		OFF-WHITE									
	2128251504	OFF-WHITE	BLACK									
	2128251505		OFF-WHITE									
	2128251506	BLUE	BLACK									
	2128251507		OFF-WHITE									
	2128252502	BLACK	BLACK	YES (X=60mm, Y=28.97mm)								
	2128252503		OFF-WHITE									
	2128252504	OFF-WHITE	BLACK									
	2128252505		OFF-WHITE									
	2128252506	BLUE	BLACK									
	2128252507		OFF-WHITE									
	2128251652	BLACK	BLACK	NO					CONTACT AREA 0.38µM/15µIN GOLD ON CONTACT 2.54µM/100µIN MIN NICKEL UNDERPLATE TAIL AREA 2.54µM/100µIN MIN TIN ON SOLDERTAILS 1.27µM/50µIN MIN NICKEL UNDERPLATE		PS-78730-002	
	2128251653		OFF-WHITE									
	2128251654	OFF-WHITE	BLACK									
	2128251655		OFF-WHITE									
	2128251658	YELLOW										
	2128252652	BLACK	BLACK	YES (X=60mm, Y=28.97mm)								
	2128252653		OFF-WHITE									
	2128252654	OFF-WHITE	BLACK									
	2128252655		OFF-WHITE									
	2128252656	BLUE	BLUE									
	2128252657	BLUE	OFF-WHITE									
	2128252658	YELLOW	OFF-WHITE									
	2128253652	BLACK	BLACK	YES (X=90mm, Y=19.54mm)								
	2128253656	BLUE	BLUE									
	2128253653	BLACK	OFF-WHITE									
	2128253654	OFF-WHITE	BLACK									
	2128253655		OFF-WHITE									
	2128253657	BLUE										
	2128253658	YELLOW										
	2128253659	BLACK	YELLOW									
	2128253660	BLUE										
	2128253710		BLUE									
	2128253712	YELLOW	OFF-WHITE									
	2128253714	BLACK	BLACK									
	2128252720	BLUE	BLUE	YES (X=60mm, Y=28.97mm)								2128259004
	2128252722	BLACK	BLACK									



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FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	NTS

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

CURRENT REV DESC: UPDATE DRAWING

STATUS: Design Approved
DRWN: Aswin A 2023-07-13
CHK'D: Chien Ching Teh 2023-07-25
APPR: Chien Ching Teh 2023-07-25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 212825

molex

DDR4 DIMM, 0.85MM PITCH
288CKTS,VERT.SMT

PRODUCT SALES DRAWING

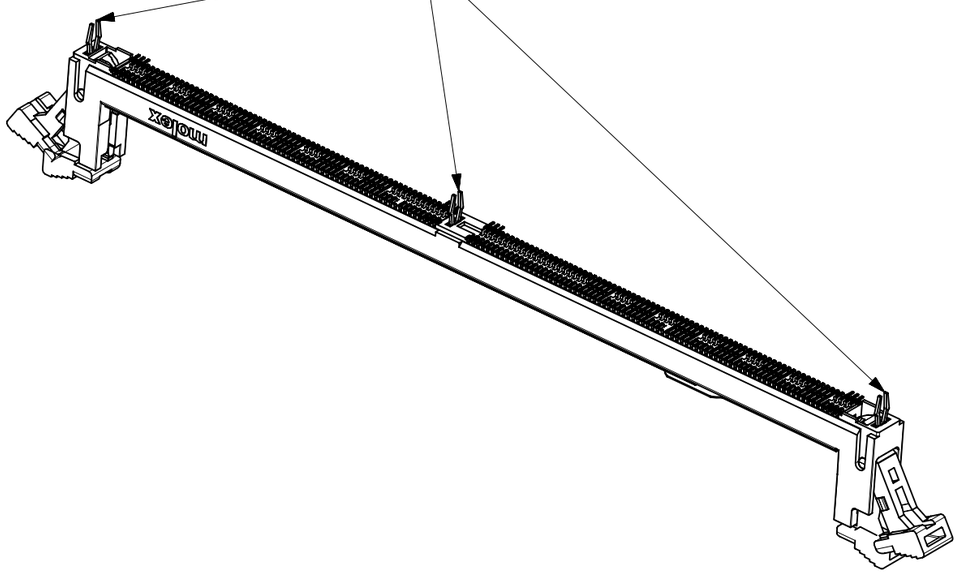
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2128250001	PSD	000	A7

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	6 OF 7

FORMAT: TC-db-prod-A3
REVISION: B
DATE: 2022/08/01

CKT SIZE	ASSEMBLY PART NO.	HOUSING COLOUR	LATCH COLOUR	P&P OPTION	PCB SECURE	PLATING OPTION		PRODUCT SPEC. NO.	PACKAGING SPEC. NO.
						TERMINAL	FORKLOCK		
288	2128254001	BLACK	BLACK	NO	OPTION#B: FORKLOCK	CONTACT AREA 0.76µM/30µIN MIN GOLD ON CONTACT 2.54µM/100µIN MIN NICKEL UNDERPLATE TAIL AREA 2.54µM/100µIN MIN TIN ON SOLDERTAILS 1.27µM/50µIN MIN NICKEL UNDERPLATE	1.0 MICROMETER(40 MICROINCH) MIN TIN OVERALL (PRE-PLATED)	**PS-78730-001**	PK-78730-001
	2128254002	OFF-WHITE	OFF-WHITE						
	2128254004	BLACK	BLACK	YES					
	2128254005		OFF-WHITE						
	2128254008	BLUE	BLUE						
	2128254003	BLACK	BLACK	NO		CONTACT AREA 0.38µM/15µIN GOLD ON CONTACT 2.54µM/100µIN MIN NICKEL UNDERPLATE TAIL AREA 2.54µM/100µIN MIN TIN ON SOLDERTAILS 1.27µM/50µIN MIN NICKEL UNDERPLATE		**PS-78730-002**	
	2128254006			YES					
	2128254007			YES					

OPTION #B:FORKLOCK



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FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	NTS
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	

CURRENT REV DESC: UPDATE DRAWING

STATUS: Design Approved
DRWN: Aswin A 2023-07-13
CHK'D: Chien Ching Teh 2023-07-25
APPR: Chien Ching Teh 2023-07-25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 212825

molex

DDR4 DIMM, 0.85MM PITCH
288CKTS,VERT.SMT

PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2128250001	PSD	000	A7

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	7 OF 7

FORMAT: TC-tb-prod-A3
REVISION: B
DATE: 2022/08/01