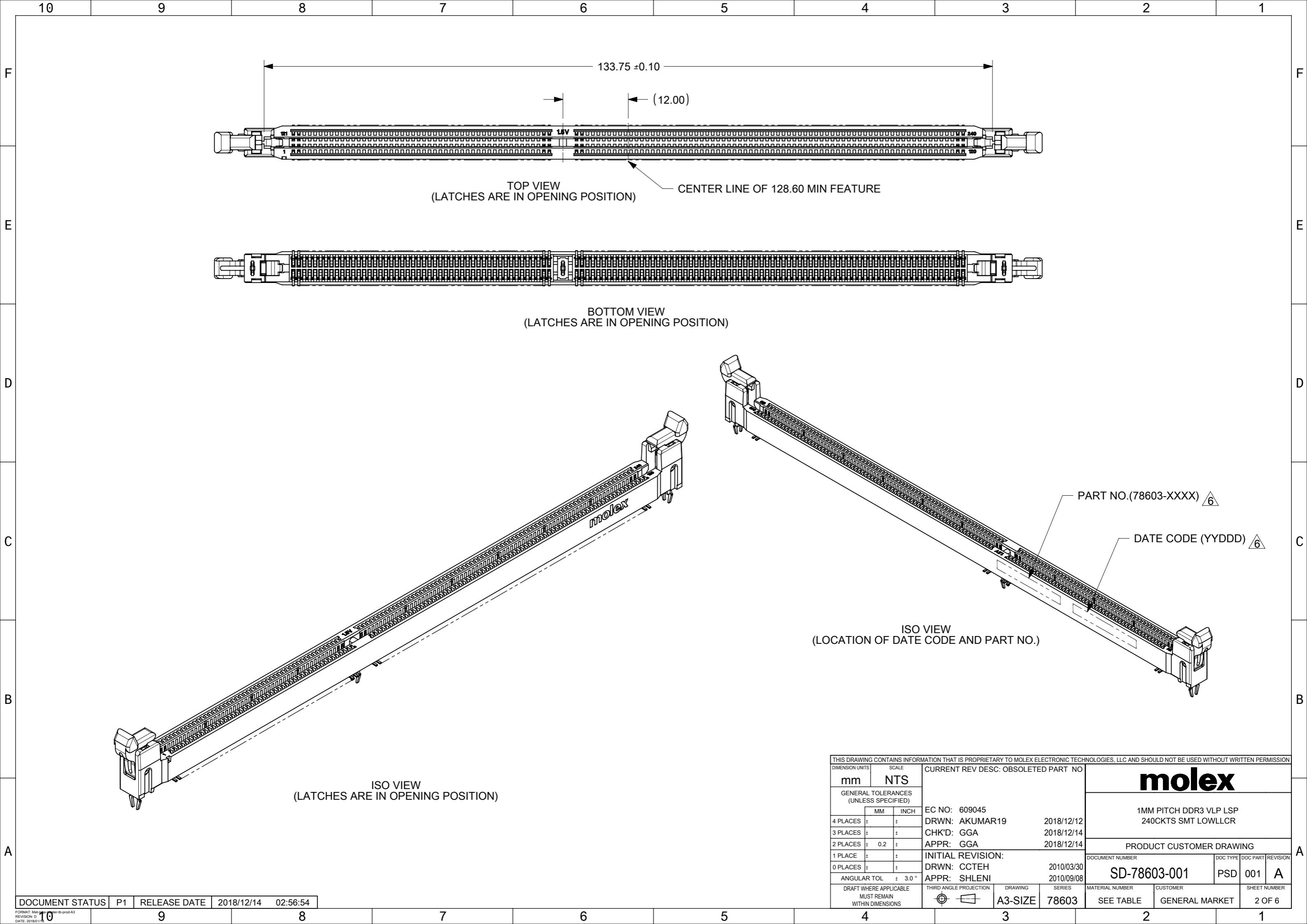


## NOTES

1. MATERIAL : HOUSING - LCP, GLASS FILLED, UL 94V-0  
COLOUR : BLACK.  
LATCH - NYLON, GLASS FILLED, UL 94V-0  
COLOUR : SEE TABLE ON SHEET 5.  
TERMINAL : COPPER ALLOY.
2. FINISHES - SEE TABLE ON SHEET 5.
3. PRODUCT SPECIFICATION : PS-78603-001.
4. PACKAGING SPECIFICATION: PRODUCT SHALL BE PACKED IN TR
5. CARD SLOT ACCEPTS  $1.27 \pm 0.10$ MM MODULE THICKNESS  
(MEASURED FROM P.C. PADS).
6. MOLEX LOGO, DATE & PART NO. INDICATED ON HOUSING.
7. MODULE SEATING PLANE FROM TOP OF PCB.
8. KEEP OUT ZONE RESERVED FOR LATCH.
9. KEEP OUT AREA IS THE AREA WHERE THE CONNECTOR  
(INCLUDED LATCHES IN OPENING POSITION) IS MOUNTED ON THE

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

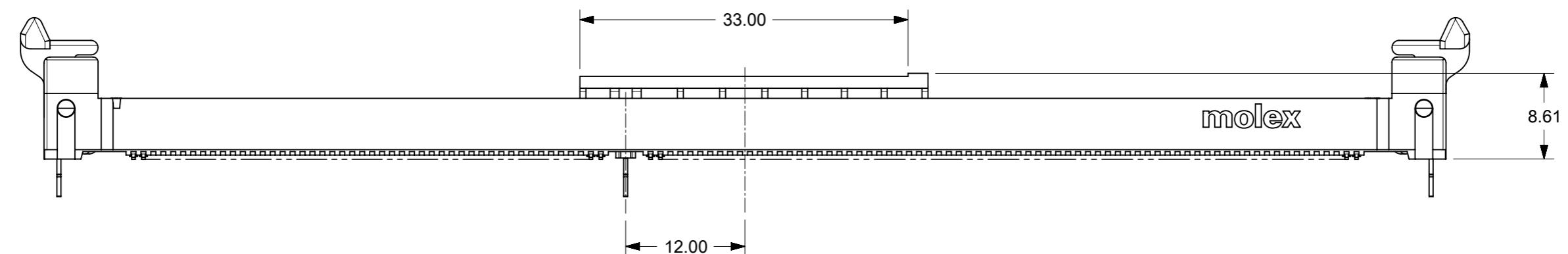
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETED PART NO		molex			
mm		NTS		EC NO: 609045 DRWN: AKUMAR19      2018/12/12 CHK'D: GGA      2018/12/14 APPR: GGA      2018/12/14		1MM PITCH DDR3 VLP LSP 240CKTS SMT LOWLLCR			
GENERAL TOLERANCES (UNLESS SPECIFIED)									
MM		INCH							
4 PLACES		±	±						
3 PLACES		±	±						
2 PLACES		± 0.2	±						
1 PLACE		±	±						
0 PLACES		±	±						
ANGULAR TOL		± 3.0 °							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				INITIAL REVISION: DRWN: CCTEH      2010/03/30 APPR: SHLENI      2010/09/08		PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER SD-78603-001						DOC TYPE PSD	DOC PART 001	REVISION A	
THIRD ANGLE PROJECTION 		DRAWING A3-SIZE	SERIES 78603	MATERIAL NUMBER SFF TABLE	CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 6		



10 9 8 7 6 5 4 3 2 1

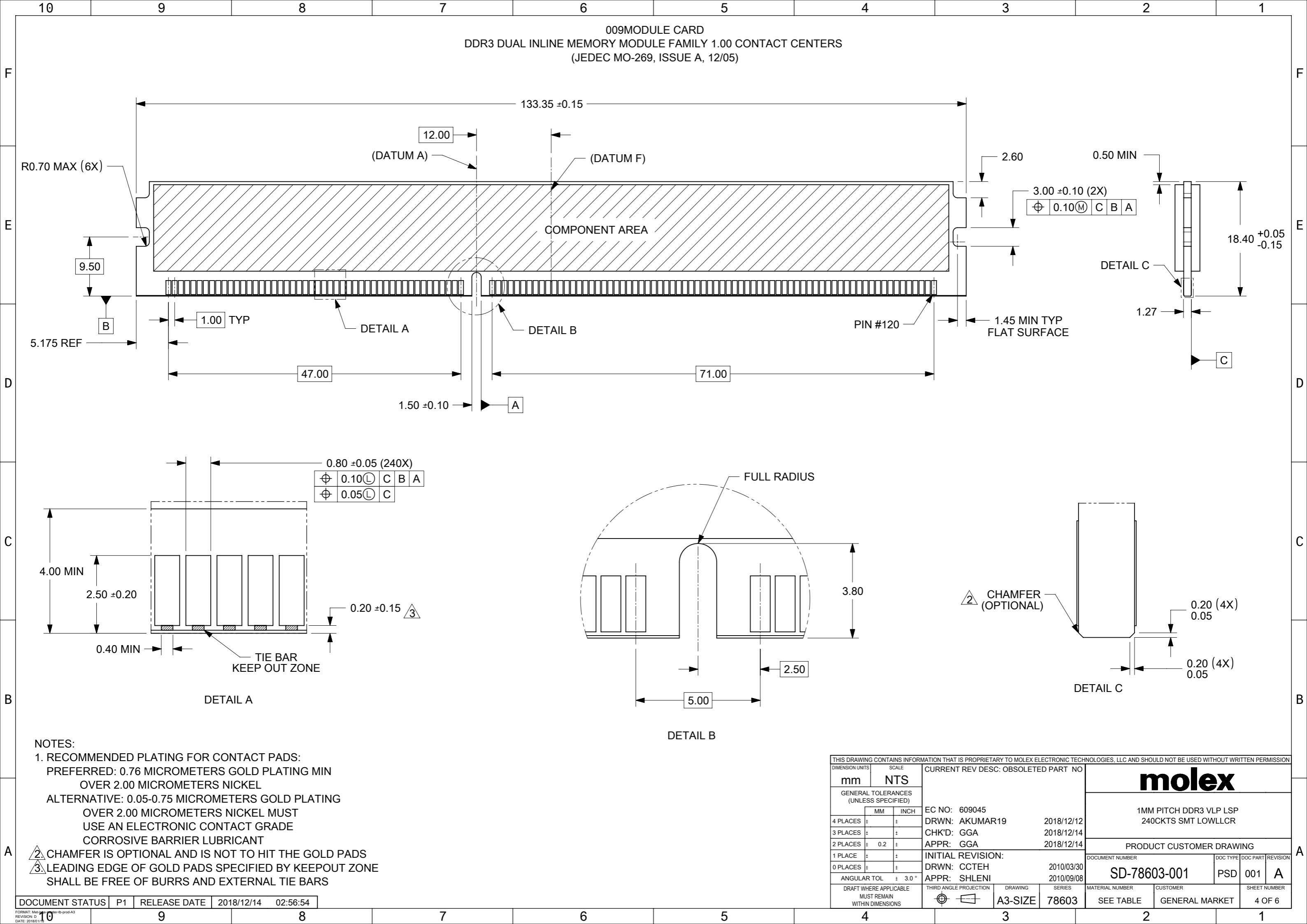
F  
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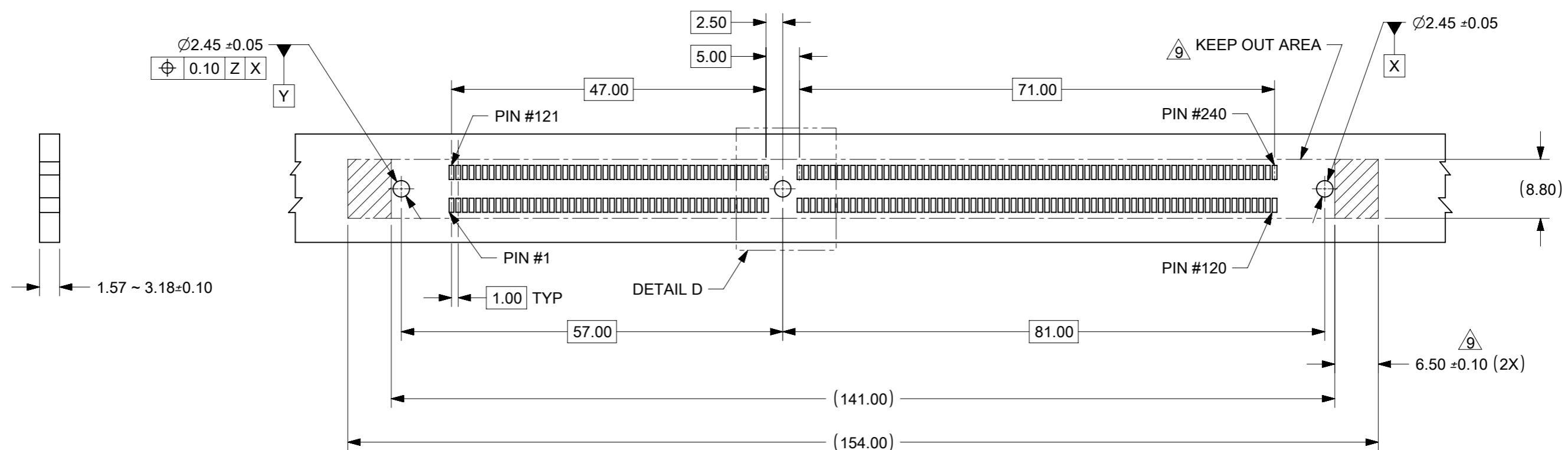
## PICK AND PLACE CAP VERSION



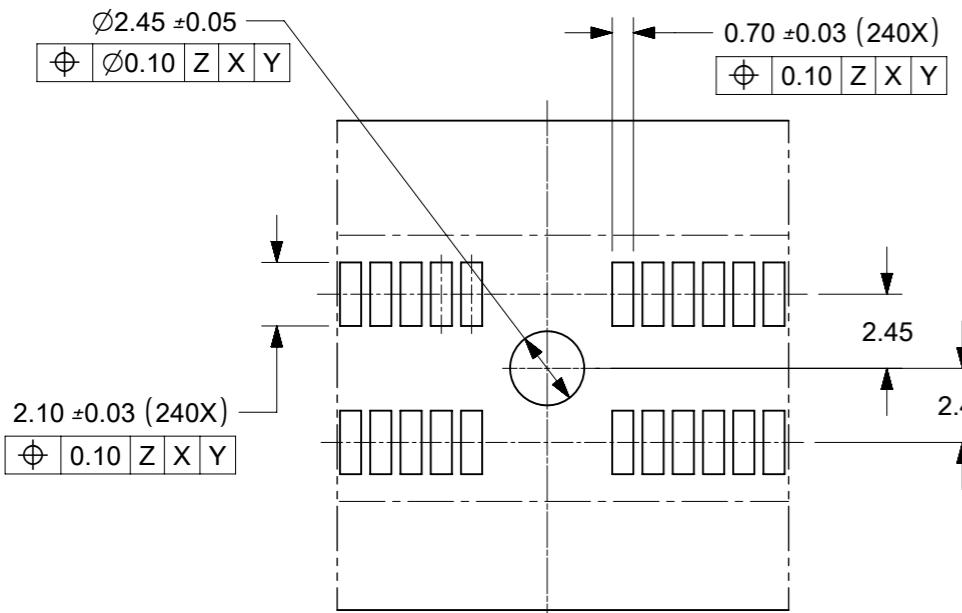
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
DIMENSION UNITS		SCALE	CURRENT REV DESC: OBSOLETED PART NO
mm	NTS		<b>molex</b>
GENERAL TOLERANCES (UNLESS SPECIFIED)			
		MM INCH	
4 PLACES	±	±	EC NO: 609045
3 PLACES	±	±	DRWN: AKUMAR19 2018/12/12
2 PLACES	± 0.2	±	CHK'D: GGA 2018/12/14
1 PLACE	±	±	APPR: GGA 2018/12/14
0 PLACES	±	±	INITIAL REVISION:
			DRWN: CCTEH 2010/03/30
			APPR: SHLENI 2010/09/08
		ANGULAR TOL ± 3.0°	PRODUCT CUSTOMER DRAWING
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING
			SERIES
		○	A3-SIZE
			78603
DOCUMENT STATUS		SEE TABLE	MATERIAL NUMBER
P1		CUSTOMER	CUSTOMER
RELEASE DATE		GENERAL MARKET	GENERAL MARKET
2018/12/14		3 OF 6	3 OF 6
02:56:54			

FORMAT: Molex-Header-prod-A3	REVISION: D	DATE: 2018/01/15							
10	9	8	7	6	5	4	3	2	1





RECOMMENDED STENCIL THICKNESS = 150 MICROMETERS  
RECOMMENDED PCB THICKNESS = 1.57MM ~ 3.18MM



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DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETED PART NO							
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
		MM	INCH	EC NO: 609045		1MM PITCH DDR3 VLP LSP 240CKTS SMT LOWLLCR					
4 PLACES		±	±	DRWN: AKUMAR19		2018/12/12					
3 PLACES		±	±	CHK'D: GGA		2018/12/14					
2 PLACES		± 0.2	±	APPR: GGA		2018/12/14					
1 PLACE		±	±	PRODUCT CUSTOMER DRAWING							
0 PLACES		±	±	INITIAL REVISION:			DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	
ANGULAR TOL		± 3.0 °		DRWN: CCTEH			2010/03/30	SD-78603-001	PSD	001	A
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER			SHEET NUMBER
					A3-SIZE	78603	SEE TABLE	GENERAL MARKET			5 OF 6

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PART NUMBER	VOLTAGE KEY POSITION	PLATING OPTION	HOUSING COLOR	PICK & PLACE CAP	LATCH COLOR
78603-0002	CENTER 1.5V	0.76 $\mu$ -METER /30 $\mu$ -INCH MIN. GOLD ON CONTACT 2.54 $\mu$ -METER /100 $\mu$ -INCH MIN. PURE TIN (MATTE) ON SOLDERTAILS 1.27 $\mu$ -METER /50 $\mu$ -INCH MIN. NICKEL UNDERPLATE	BLACK	NO	NATURAL
78603-0003					BLUE
78603-0502				YES	NATURAL
78603-0503					BLUE

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DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETED PART NO	
mm	NTS	EC NO: 609045	<b>molex</b>
GENERAL TOLERANCES (UNLESS SPECIFIED)			
	MM INCH	DRWN: AKUMAR19	1MM PITCH DDR3 VLP LSP 240CKTS SMT LOWLLCR
4 PLACES	±	CHK'D: GGA	2018/12/12
3 PLACES	±	APPR: GGA	2018/12/14
2 PLACES	± 0.2		2018/12/14
1 PLACE	±		
0 PLACES	±	INITIAL REVISION: DRWN: CCTEH	PRODUCT CUSTOMER DRAWING
		APPR: SHLENI	DOCUMENT NUMBER SD-78603-001
		ANGULAR TOL: ± 3.0°	DOC TYPE PSD
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DOC PART 001
		THIRD ANGLE PROJECTION	REVISION A
		DRAWING A3-SIZE	
		SERIES 78603	MATERIAL NUMBER SEE TABLE
			CUSTOMER GENERAL MARKET
			SHEET NUMBER 6 OF 6

DOCUMENT STATUS P1 RELEASE DATE 2018/12/14 02:56:54

FORMAT: Molex-Header-prod-A3  
REVISION: D  
DATE: 2018/11/15

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# Mouser Electronics

Authorized Distributor

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