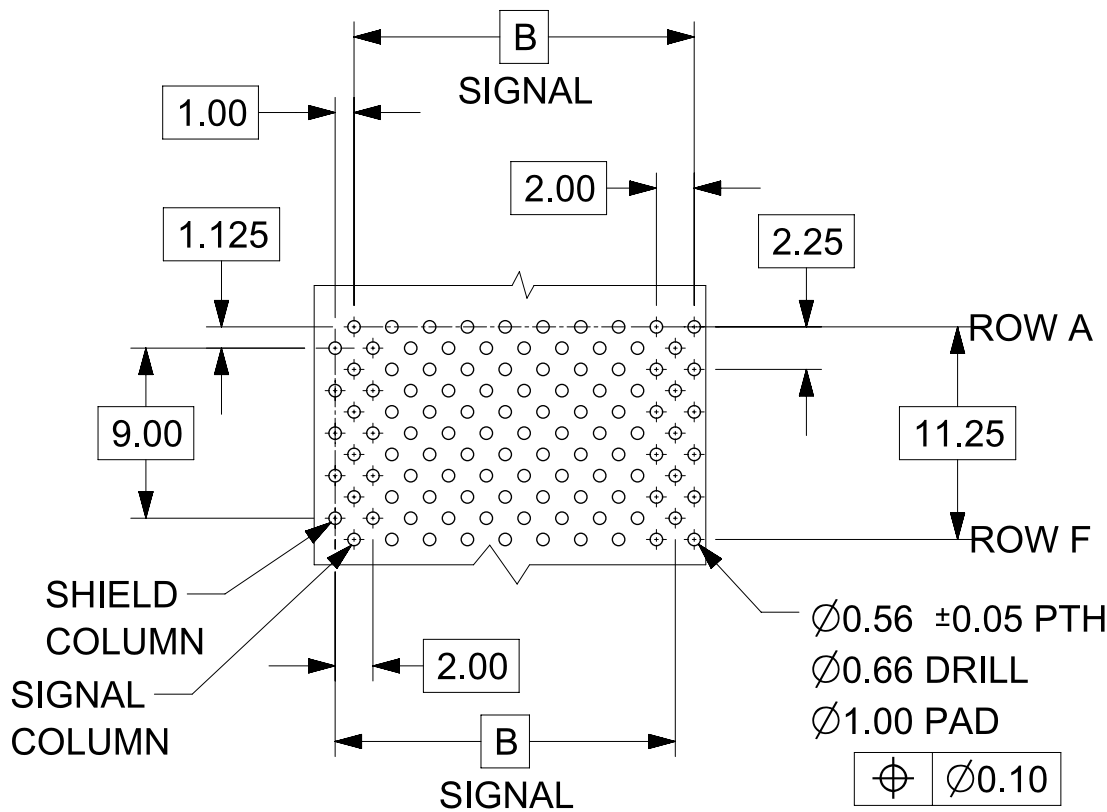
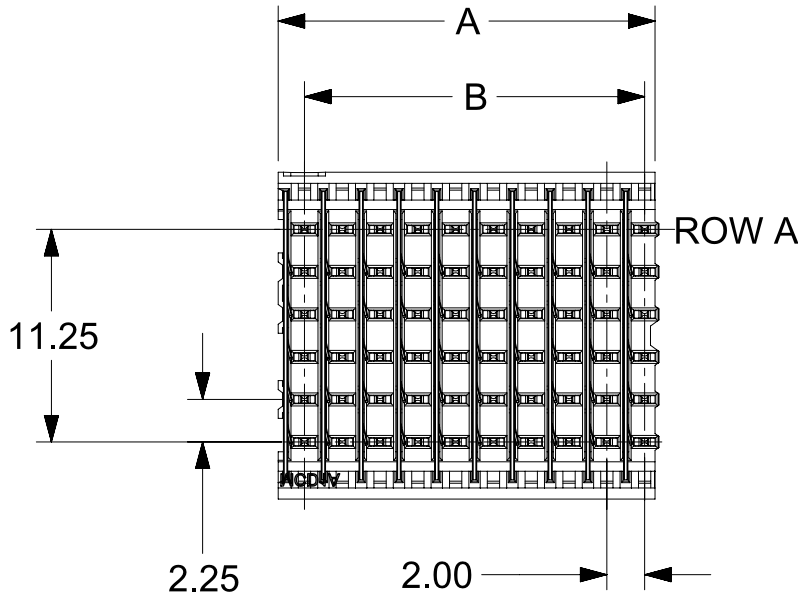
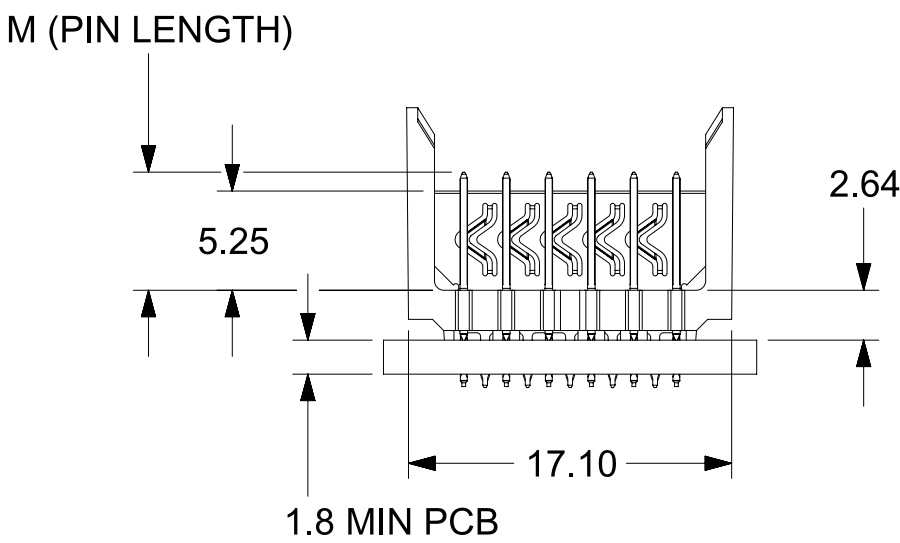
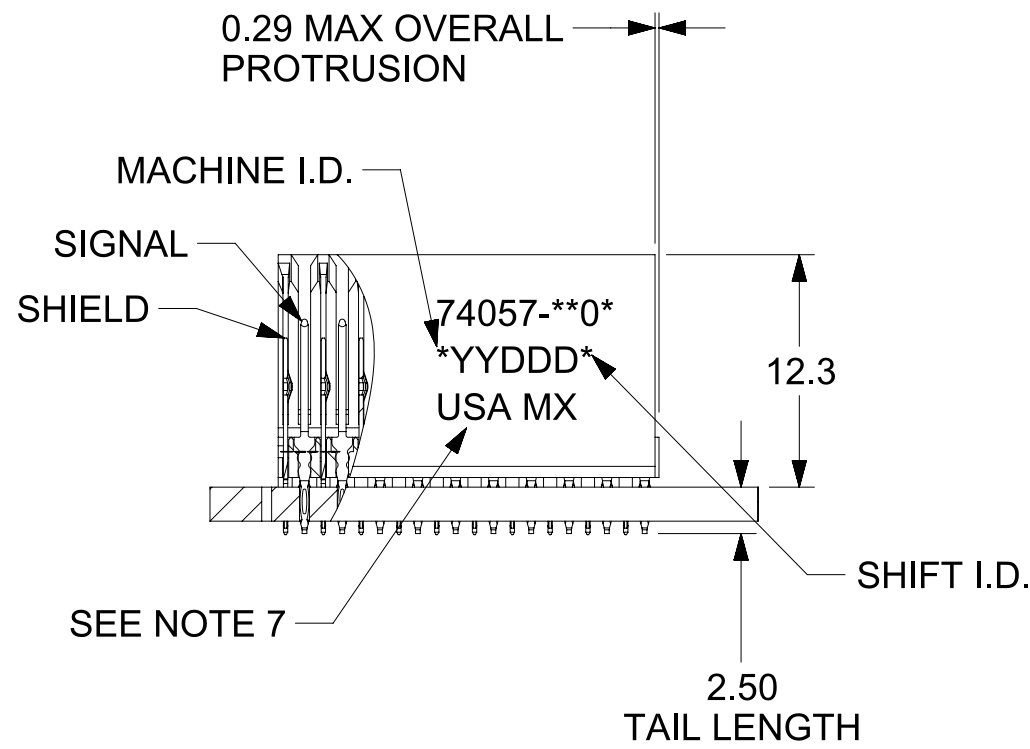
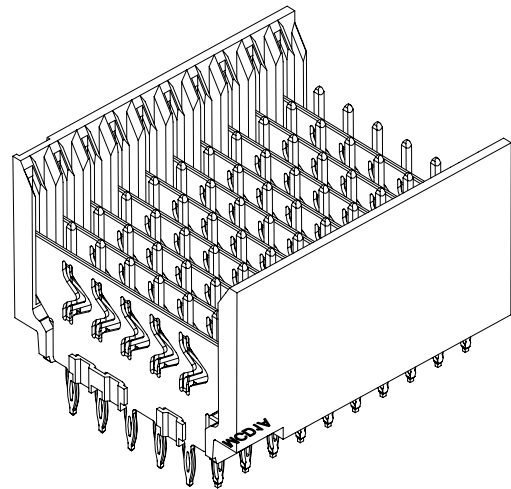




BLACK PLANE HOLE PATTERN
RECOMMENDED DIMENSIONS



NOTES:

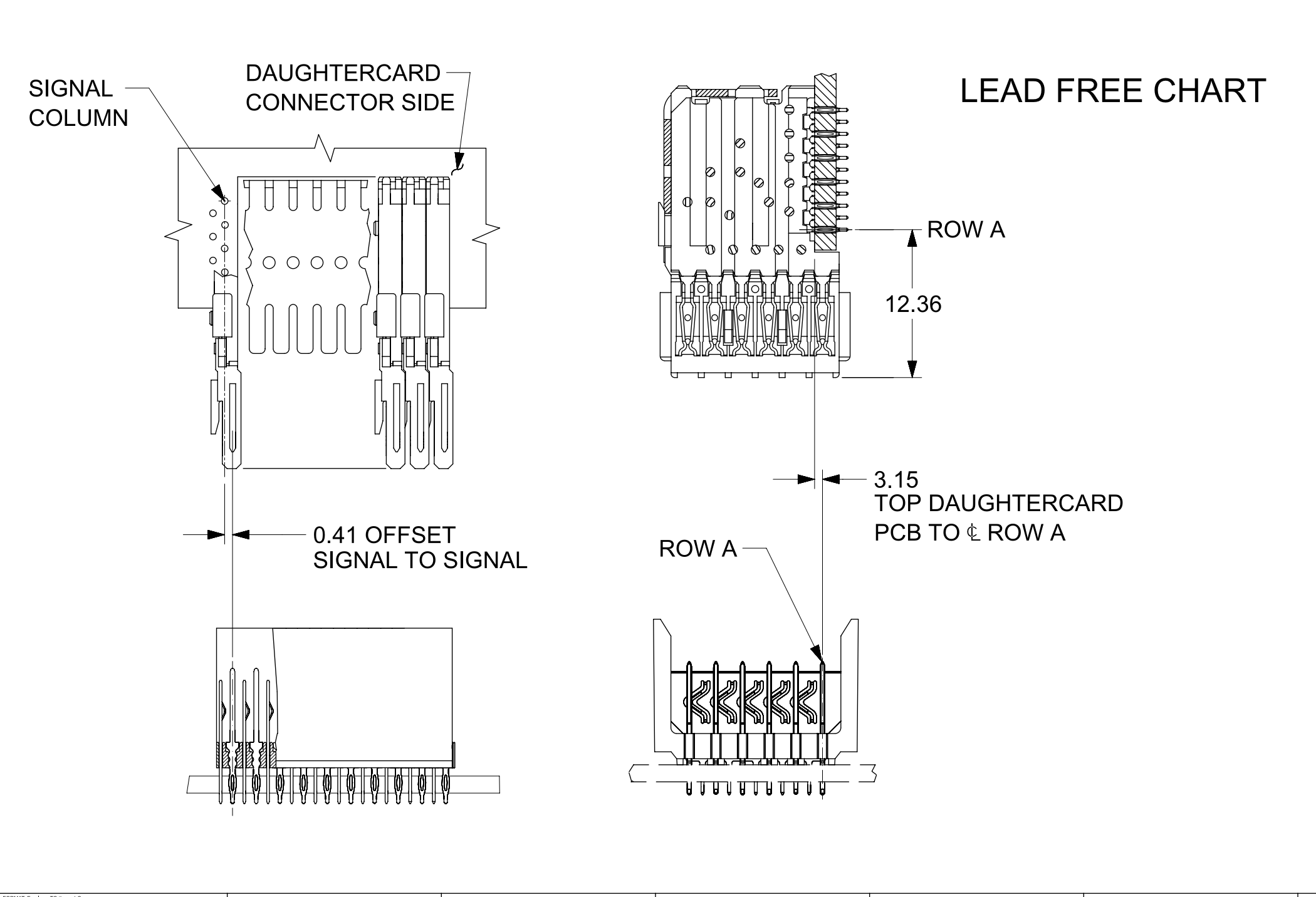
1. MATERIALS:
HOUSING - LIQUID CRYSTAL POLYMER (LCP),
GLASS-FILLED, UL 94V-0, COLOR: BLACK
SIGNAL PIN & SHIELD - COPPER ALLOY
2. FINISHES:
CONTACT AREA: SELECTIVE GOLD (Au)
PCB TAILS: SELECTIVE MATTE TIN (Sn)
NICKEL (Ni) OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT
SPECIFICATION PS-74031-999
4. FOR MIXED CONTACT LENGTHS CONSULT
MOLEX FOR AVAILABILITY
5. FOR SPECIFIC MATERIAL NUMBERS & MATING
INFORMATION REFER TO SHEET 2
6. PACKAGE PER PK-74057-003
7. EITHER MARK PART WITH PART NUMBER & DATE
CODE APPROXIMATELY WHERE SHOWN OR PLACE
LABEL ON THE TUBE.
8. MAPS (MOLEX ADVANCED PLATING SYSTEM)

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515988				molex						
MM		2.5:1												
GENERAL TOLERANCES (UNLESS SPECIFIED)				STATUS: Production DRWN: Sampreet S Mirajkar 2025-11-14 CHK'D: Ganesh Rao B 2025-12-01 APPR: Gurunandan GA 2025-12-01				VHDM 6 ROW OPEN END BACKPLANE SALES ASSEMBLY						
MM		INCH												
4 PLACES	±		±											
3 PLACES	±		±											
2 PLACES	±	0.250	±											
1 PLACE	±	0.38	±											
0 PLACES	±													
ANGULAR TOL				±		0.5°		PRODUCT CUSTOMER DRAWING						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
										SD-74057-002		PSD	001	N5
 C-SIZE				 74057		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				
						SEE TABLE		GENERAL MARKET		1 OF 3				

12		11	10		9		8		7	
PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	GOLD THICKNESS MICROMETER	TIN THICKNESS MICROMETER		
74057-6001	10	60	10	20.00	18.00	4.75	0.25 MAPS	0.76-1.52		
74057-9006							1.27			
74057-6501	15	90	15	30.00	28.00		0.25 MAPS			
74057-9501							0.76			
74057-9506							1.27			
74057-7001	25	150	25	50.00	48.00		0.25 MAPS			
74057-8506							1.27			
74057-6002	10	60	10	20.00	18.00	0.25 MAPS				
74057-9002						0.76				
74057-9007						1.27				
74057-6502	15	90	15	30.00	28.00	0.25 MAPS				
74057-9502						0.76				
74057-9507						1.27				
74057-7002	25	150	25	50.00	48.00	0.25 MAPS				
74057-8502						0.76				
74057-8507						1.27				
74057-6003	10	60	10	50.00	48.00	4.25	0.25 MAPS			
74057-9003							0.76			
74057-9008							1.27			
74057-6503	15	90	15	30.00	28.00		0.25 MAPS			
74057-9503							0.76			
74057-9508							1.27			
74057-7003	25	150	25	50.00	48.00		0.25 MAPS			
74057-8508							1.27			
74057-9009	10	60	10	20.00	18.00	5.15	1.27			
74057-6504	15	90	15	30.00	28.00		0.25 MAPS			
74057-9504							0.76			
74057-9509							1.27			
74057-8504	25	150	25	50.00	48.00		0.76			
74057-8509							1.27			

PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	GOLD THICKNESS MICROMETER	TIN THICKNESS MICROMETER
74057-1006	10	60	10	20.00	18.00	4.75	1.27	0.76-1.52
74057-1501	15	90	15	30.00	28.00		0.76	
74057-1506							1.27	
74057-2506	25	150	25	50.00	48.00		1.27	
74057-1002	10	60	10	20.00	18.00	6.25	0.76	
74057-1502	15	90	15	30.00	28.00		0.76	
74057-1507							1.27	
74057-1008	10	60	10	20.00	18.00	4.25	1.27	
74057-1503	15	90	15	30.00	28.00		0.76	
74057-1508							1.27	
74057-2508	25	150	25	50.00	48.00		1.27	
74057-1004	10	60	10	20.00	18.00	5.15	0.76	
74057-1009							1.27	
74057-1504	15	90	15	30.00	28.00		0.76	
74057-1509							1.27	

LEAD FREE
(FORMERLY TIN/LEAD) CHART



74057 - * * 0 *

NUMBER OF COLUMNS/PLATING
10 = 10 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
15 = 15 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
25 = 25 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
60 = 10 COLUMN MATTE TIN (MAPS)
65 = 15 COLUMN MATTE TIN (MAPS)
70 = 25 COLUMN MATTE TIN (MAPS)
90 = 10 COLUMN MATTE TIN
95 = 15 COLUMN MATTE TIN
85 = 25 COLUMN MATTE TIN

PIN HEIGHT
1 & 6 = 4.75
2 & 7 = 6.25
3 & 8 = 4.25
4 & 9 = 5.15

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DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#515988			molex		
MM		2.5:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				STATUS: Production DRWN: Sampreet S Mirajkar 2025-11-14 CHK'D: Ganesh Rao B 2025-12-01 APPR: Gurunandan GA 2025-12-01					
		MM	INCH						
4 PLACES	±		±	INITIAL REVISION: DRWN: MWANG 1998/11/09 APPR: SMILLER 2012/05/23					
3 PLACES	±		±						
2 PLACES	±	0.250	±	DOCUMENT NUMBER SD-74057-002					
1 PLACE	±	0.38	±						
0 PLACES	±		±	DOC TYPE		DOC PART	REVISION		
ANGULAR TOL		±	0.5°			PSD	001	N5	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
					C-SIZE	74057	SEE TABLE	GENERAL MARKET	2 OF 3

DATE	REV	DESCRIPTION
2022/06/22	N3	DRAWING MIGRATED TO NEW SHEET FORMAT REMOVED OBSOLETED PART NUMBER AS PER PCN#509989
2022/07/14	N4	DRAWING MIGRATION AS MODEL IN THE DRAWING VIEW IS UPDATED
2025/11/14	N5	REMOVED OBSOLETED PART NUMBER: 74057-9001

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DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#515988				molex			
MM		1:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				STATUS: Production DRWN: Sampreet S Mirajkar 2025-11-14 CHK'D: Ganesh Rao B 2025-12-01 APPR: Gurunandan GA 2025-12-01				VHDM 6 ROW OPEN END BACKPLANE SALES ASSEMBLY			
	MM	INCH									
4 PLACES	±		±								
3 PLACES	±		±								
2 PLACES	±	0.250	±								
1 PLACE	±	0.38	±								
0 PLACES	±		±	INITIAL REVISION:				DOCUMENT NUMBER			
ANGULAR TOL ± 0.5°				DRWN: MWANG 1998/11/09				SD-74057-002			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						C-SIZE		74057		SEE TABLE	
								GENERAL MARKET		SHEET NUMBER	
								3 OF 3			