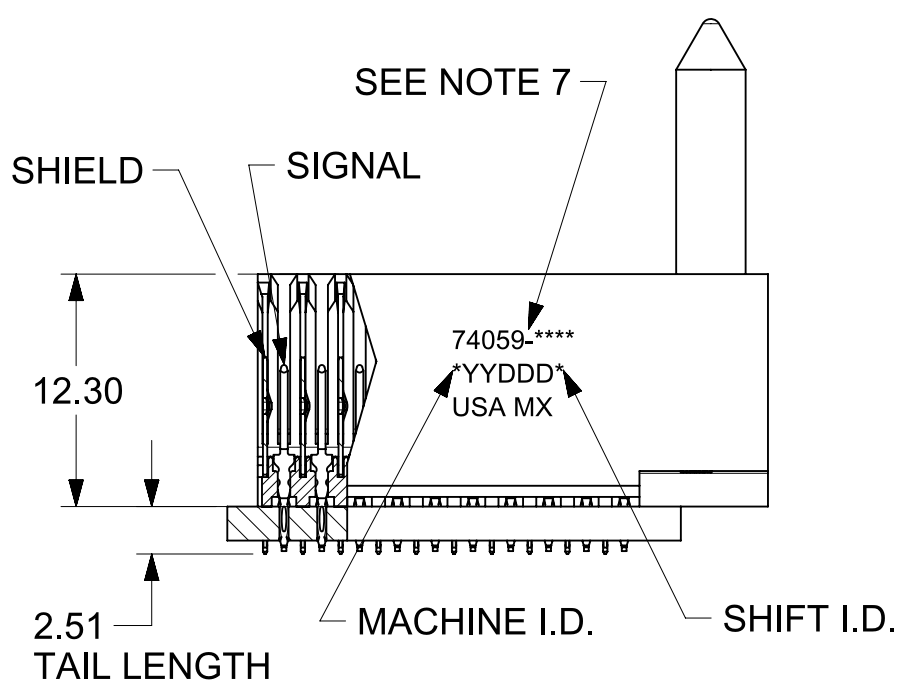
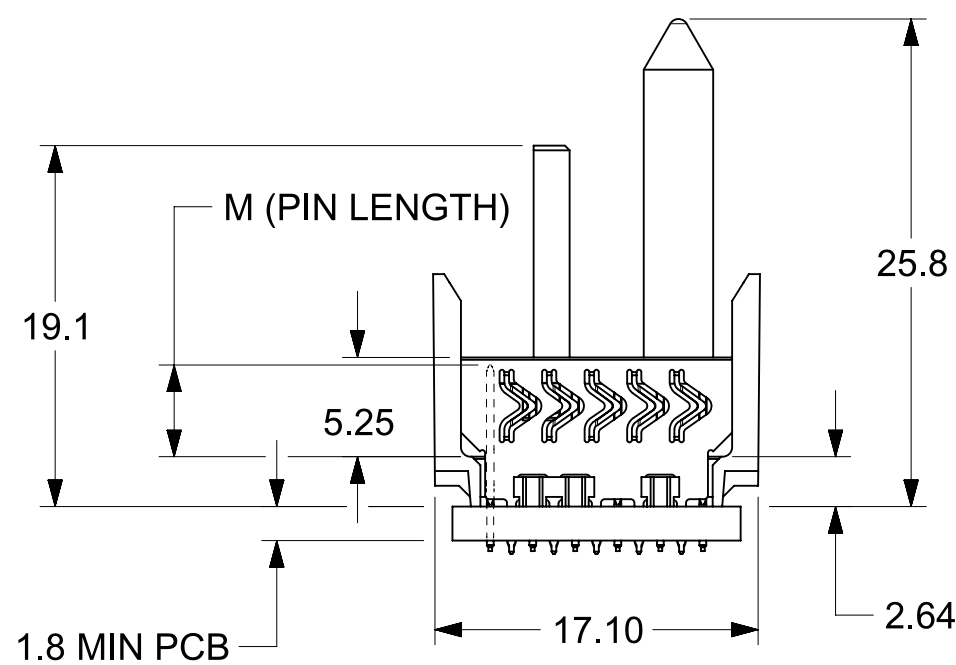
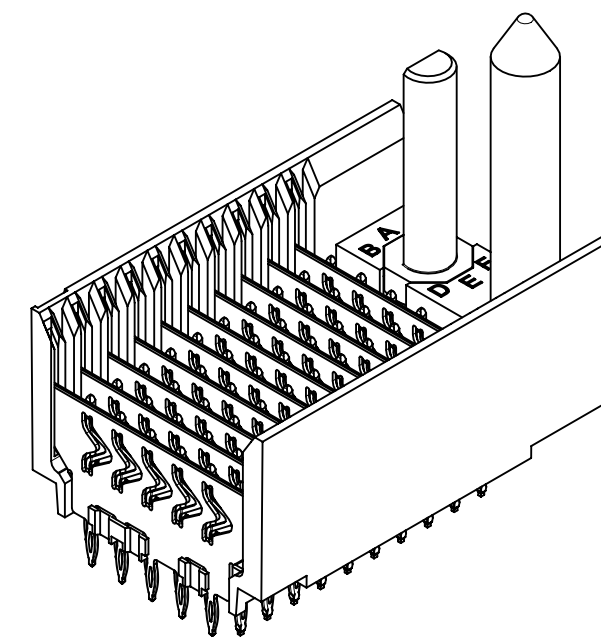
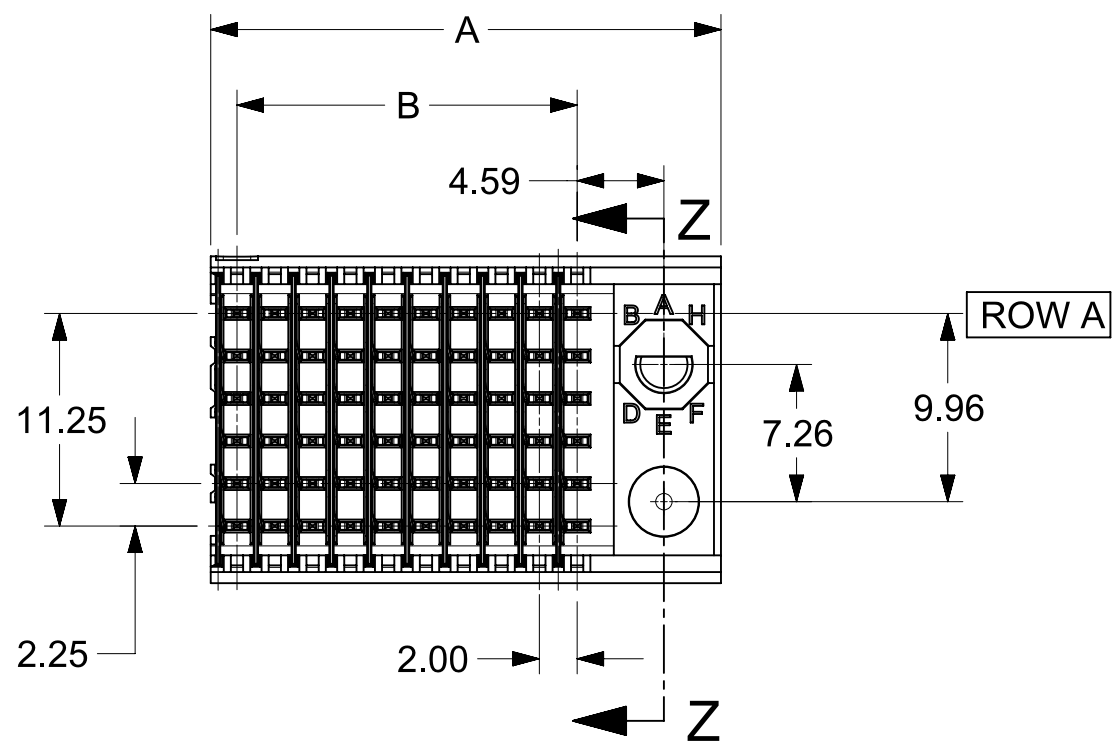
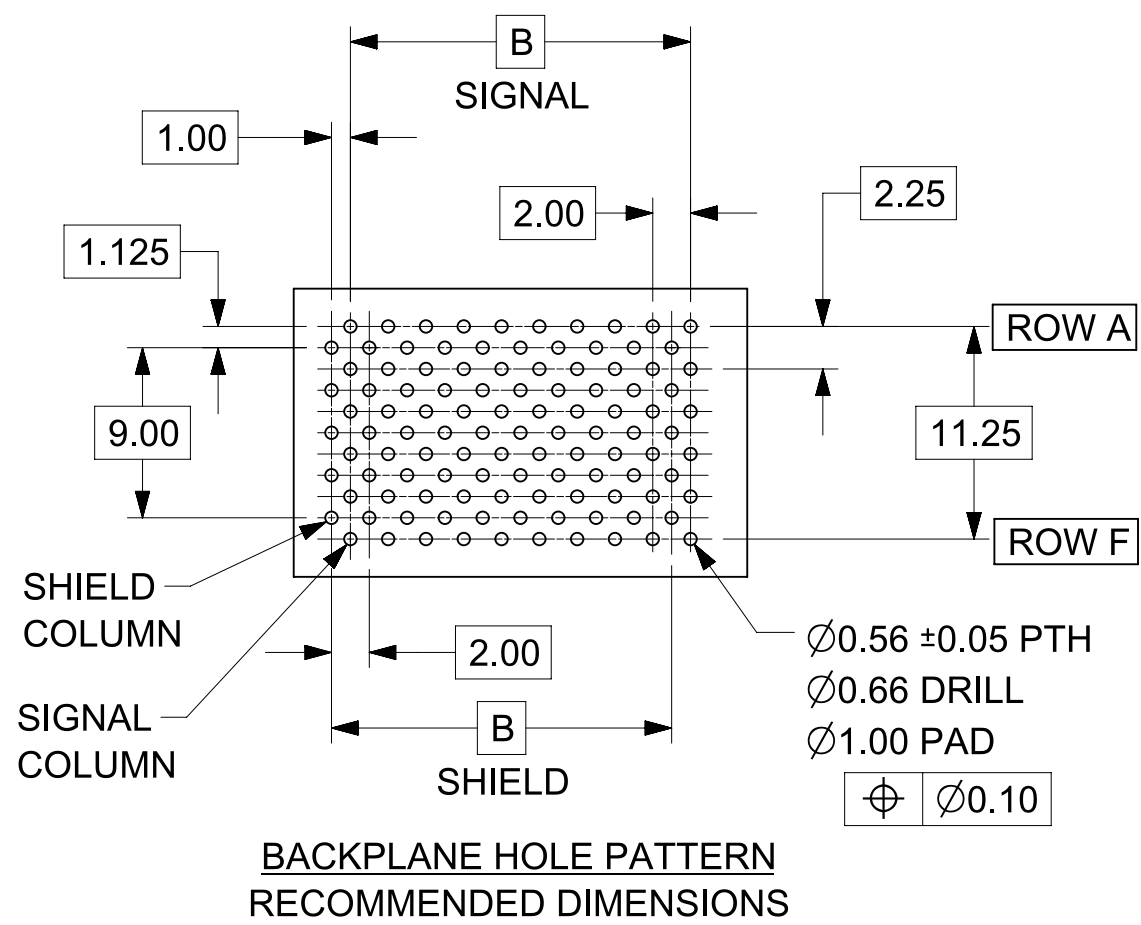


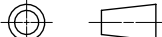
12 11 10 9 8 7 6 5 4 3 2 1



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 AND 3
6. PACKAGE PER PK-74058-003
7. MARK PART WITH PART NUMBER & DATE CODE APPROXIMATELY WHERE SHOWN
8. MAPS (MOLEX ADVANCED PLATING SYSTEM).

THE PRIMARY CARTON WITH A LABEL STATING "ELV AND RoHS COMPLAINT" IS LEAD FREE. CARTONS WITHOUT THIS LABEL MAY CONTAIN LEAD.

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)								VHDM 6 ROW SHIELD END BACKPLANE SALES DRAWING															
												MM		INCH									
												4 PLACES ±		±									
3 PLACES ±		±		PRODUCT CUSTOMER DRAWING																			
2 PLACES ± 0.100		±																					
1 PLACE ± 0.25		±																					
0 PLACES ±		±																					
ANGULAR TOL ± 0.5°								DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 				DRAWING C-SIZE		SERIES 74059		SD-74059-002				PSD		001		P1			
												MATERIAL NUMBER				CUSTOMER				SHEET NUMBER			
												SEE TABLE				GENERAL MARKET				1 OF 3			

M/N
74059-()

-**0*

-**1*

-**2*

-**3*

-**4*

-**5*

-**6*

-**7*

-**8*

0

A

B

C

D

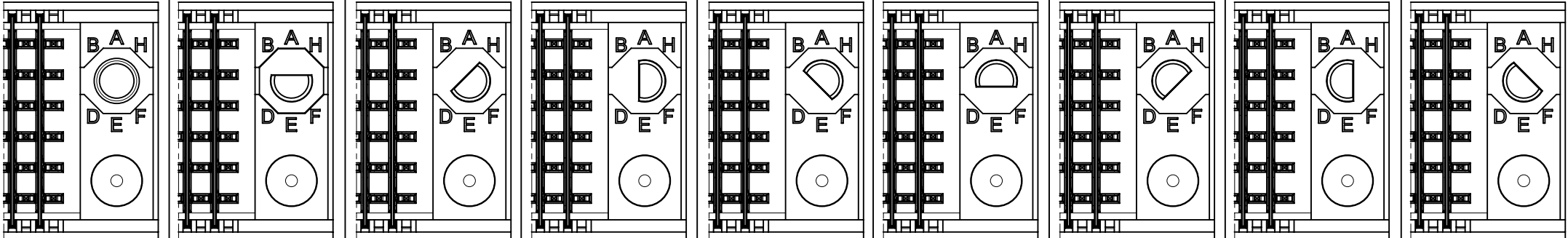
E

F

G

H

KEYING PIN
ORIENTATION



74059-****

NUMBER OF COLUMNS/PLATING

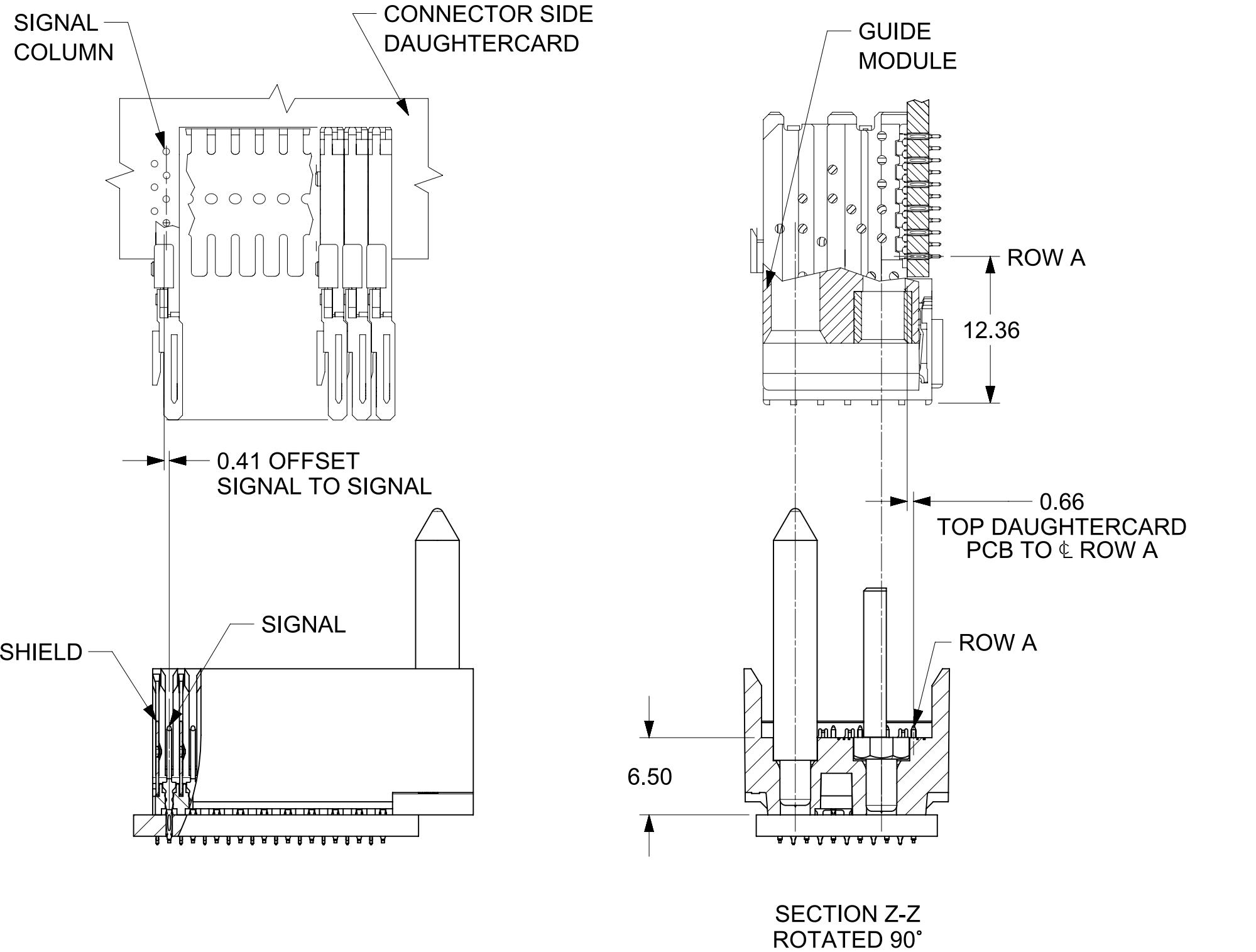
10 = 10 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
21 = 11 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
25 = 25 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
60 = 10 COLUMN MATTE TIN (MAPS)
71 = 11 COLUMN MATTE TIN (MAPS)
75 = 25 COLUMN MATTE TIN (MAPS)
90 = 10 COLUMN MATTE TIN
81 = 11 COLUMN MATTE TIN
85 = 25 COLUMN MATTE TIN

CONTACT LOAD
(PIN HEIGHT)

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

PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	GOLD THICKNESS MICROMETER	TIN THICKNESS MICROMETER
74059-60*1	10	60	10	27.00	18.00	4.75	0.25 MAPS	0.76-1.52
74059-*0*1							0.76	
74059-*0*6							1.27	
74059-75*1							0.25 MAPS	
74059-*5*6	25	150	25	57.00	48.00	6.25	1.27	
74059-60*2							0.25 MAPS	
74059-*0*2							0.76	
74059-75*2							0.25 MAPS	
74059-*5*2	10	60	10	27.00	18.00	4.25	0.76	
74059-60*3							0.25 MAPS	
74059-*0*8							1.27	
74059-75*3							0.25 MAPS	
74059-*5*8	25	150	25	57.00	48.00	5.15	1.27	
74059-60*4							0.25 MAPS	
74059-*0*4							0.76	
74059-*0*9							1.27	
74059-75*4	10	60	10	27.00	18.00	6.25	0.25 MAPS	
74059-*5*4							0.76	
74059-*5*9							1.27	
74059-75*5							0.25 MAPS	

PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	GOLD THICKNESS MICROMETER	TIN THICKNESS MICROMETER
74059-71*1	11	66	11	29.00	20.00	4.75	0.25 MAPS	0.76-1.52
74059-*1*1							0.76	
74059-*1*6							1.27	
74059-71*2	11	66	11	29.00	20.00	6.25	0.25 MAPS	
74059-*1*2							0.76	
74059-71*3							0.25 MAPS	
74059-*1*8	11	66	11	29.00	20.00	4.25	1.27	
74059-71*4							0.25 MAPS	
74059-*1*4							0.76	
74059-*1*9	11	66	11	29.00	20.00	5.15	1.27	
74059-71*5							0.25 MAPS	
74059-*1*5							0.76	



12	11	10	9	8	7	6	5	4	3	2	1
H											H
G											G
F											F
E											E
D											D
C											C
B											B
A											A

DATE	REV	DESCRIPTION
2022/06/24	P	DRAWING MIGRATION DRAWING HAS BEEN UPDATED
2025/11/17	P1	REMOVED OBSOLETE PART NUMBERS: 74059-*5*1 74059-*0*7 74059-*5*7 74059-*0*3 74059-*5*3 74059-*1*7 74059-*1*3

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		1:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)								STATUS: Production DRWN: Sampreet S Mirajkar 2025-11-17 CHK'D: Ganesh Rao B 2025-12-01 APPR: Gurunandan GA 2025-12-01				VHDM 6 ROW SHIELD END BACKPLANE SALES DRAWING
		MM	INCH									
4 PLACES	±		±									
3 PLACES	±		±									
2 PLACES	±	0.100	±									
1 PLACE	±	0.25	±									
0 PLACES	±		±	INITIAL REVISION: DRWN: JMELTON 2010/05/20 APPR: SMILLER 2010/07/14				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
ANGULAR TOL		±	0.5°					SD-74059-002		PSD	001	P1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						C-SIZE	74059	SEE TABLE		GENERAL MARKET		3 OF 3