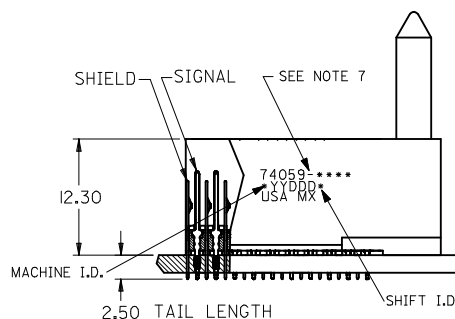
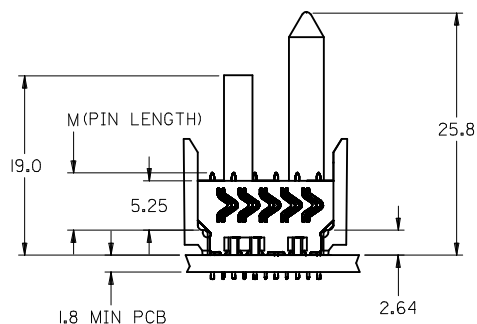
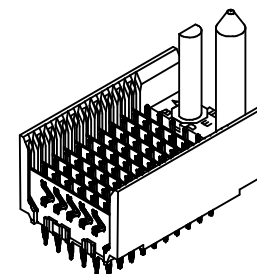
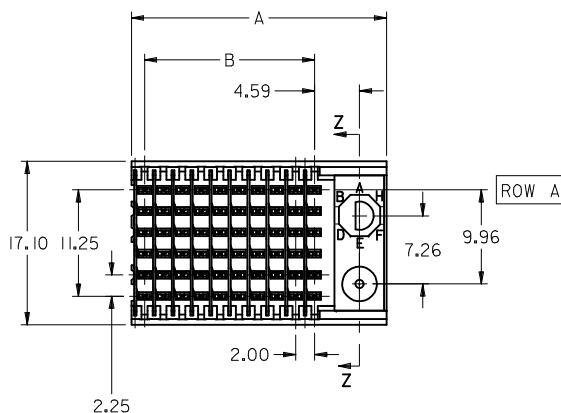
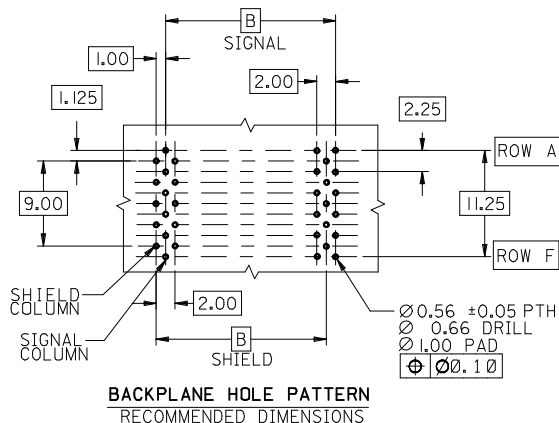


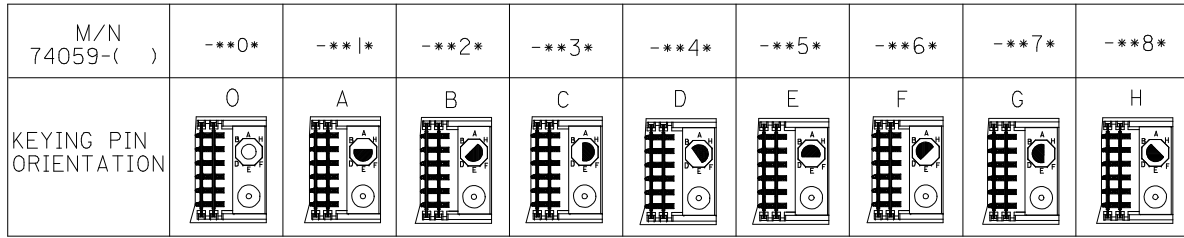


NOTES:

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.

LEAD FREE CONVERSION EC NO: UCP2013-0687 2012/08/21 DRAWINGS CHKD:MMOLFE 2012/11/21 APPR:SMILLER 2012/12/14	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
						DRAWN BY JMETLTON	DATE 2010/05/20	TITLE VHDM 6 ROW SHIELD END BACKPLANE SALES DRAWING molex					
						CHECKED BY SDANNELLEY	DATE 2010/05/20						
						APPROVED BY	DATE						
						SMILLER	2010/07/14						
						MATERIAL NO.	DOCUMENT NO.						SHEET NO.
			REV			ANGULAR ±1/2°			SEE SHT 2		SD-74059-002		1 OF 2
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
									SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

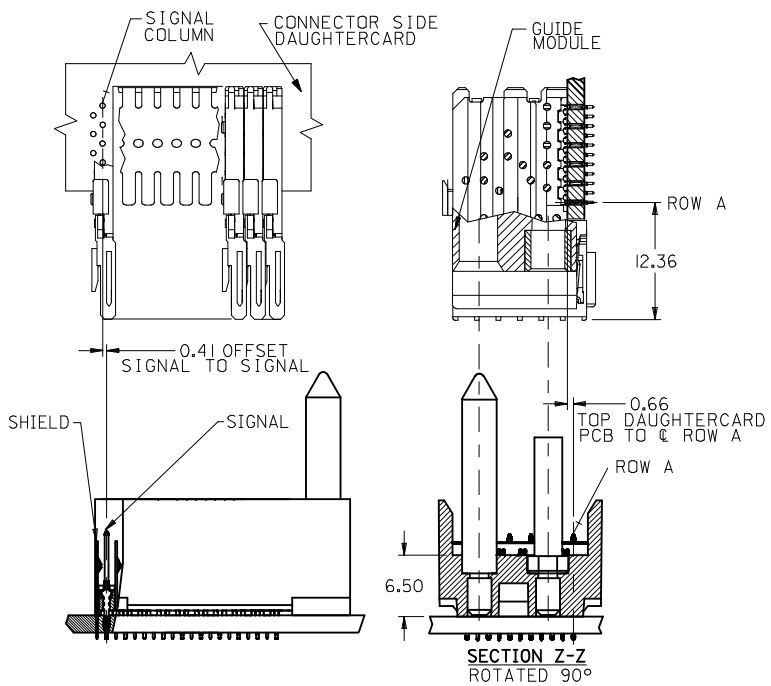


74059 - * * * *

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	0.76-152
74059-*0*1							0.76	
74059-*0*6							1.27	
74059-75*1	25	150	25	57.00	48.00	6.25	0.25 MAPS	
74059-*5*1							0.76	
74059-*5*6							1.27	
74059-60*2	10	60	10	27.00	18.00	4.25	0.25 MAPS	
74059-*0*2							0.76	
74059-*0*7							1.27	
74059-75*2	25	150	25	57.00	48.00	5.15	0.25 MAPS	
74059-*5*2							0.76	
74059-*5*7							1.27	
74059-60*3	10	60	10	27.00	18.00	4.75	0.25 MAPS	
74059-*0*3							0.76	
74059-*0*8							1.27	
74059-75*3	25	150	25	57.00	48.00	6.25	0.25 MAPS	
74059-*5*3							0.76	
74059-*5*8							1.27	
74059-60*4	10	60	10	27.00	18.00	5.15	0.25 MAPS	
74059-*0*4							0.76	
74059-*0*9							1.27	
74059-75*4	25	150	25	57.00	48.00	6.25	0.25 MAPS	
74059-*5*4							0.76	
74059-*5*9							1.27	

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	0.76-152
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-*1*7							1.27	
74059-71*3	11	66	11	29.00	20.00	4.25	0.25 MAPS	
74059-*1*3							0.76	
74059-*1*8							1.27	
74059-71*4	11	66	11	29.00	20.00	5.15	0.25 MAPS	
74059-*1*4							0.76	
74059-*1*9							1.27	

SEE SHEET 1

EC NO: UCP2013-0687

2012/08/21

2012/11/21

2012/12/14

DRWN:GCS

CHKD:MMWLF

APPR:SMILLER

REV

QUALITY SYMBOLS

▽=0

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES ± --- ± ---

3 PLACES ± --- ± ---

2 PLACES ± 0.10 ± ---

1 PLACE ± 0.25 ± ---

0 PLACE ± ±

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY JMELTON

DATE 2010/05/20

CHECKED BY SDANNELLEY

DATE 2010/05/20

APPROVED BY SMILLER

DATE 2010/07/14

MATERIAL NO.

SEE TABLE

DOCUMENT NO.

SD-74059-002

SHEET NO.

2 OF 2

SCALE

2.5:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

VHDM 6 ROW SHIELD END BACKPLANE SALES DRAWING

molex

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[74059-1061](#)