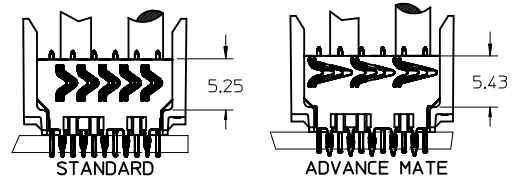


NOTES:

- MATERIAL: HOUSING -LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED. UL 94 V-0.COLOR: BLACK. SIGNAL & SHIELD -COPPER ALLOY.
- FINISHES:  
CONTACT AREA: SELECTIVE GOLD (Au)  
PCB TAILS: SELECTIVE MATTE TIN (Sn)  
NICKEL (Ni) OVERALL.
- THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-74031-999.
- FOR MIXED CONTACT MATING LENGTHS CONSULT MOLEX FOR AVAILABILITY.
- FOR SPECIFIC PART NUMBER AND MATING INFORMATION REFER TO SHEET 2.
- PACKAGE PER PK-74058-003.
- MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN
- MAPS (MOLEX ADVANCED PLATING SYSTEM).

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



LEAD FREE CONVERSION EC NO: UCP2013-0687 DRAWINGS: 2012/08/22 CHKD:MMOLFE 2012/11/28 APPR:SMILLER 2012/12/14	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY MQWANG	DATE 2001/10/01	TITLE VHDM SALES ASSEMBLY 6 ROW ADVANCE MATE SHIELD END BACKPLANE	DOCUMENT NO. SD-74059-003		SHEET NO. 1 OF 2
REV	DESCRIPTION	4 PLACES ±	±	CHECKED BY NMARTIN	DATE 2001/10/02	APPROVED BY CBIXLER		DATE 2001/10/02	
		3 PLACES ±	±	MATERIAL NO.		SEE SHEET 2			
		2 PLACES ±	±	ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		1 PLACE ±	±						
		0 PLACE ±	±						

P/N 74059-( )	-**0*	-**1*	-**2*	-**3*	-**4*	-**5*	-**6*	-**7*	-**8*
KEYING PIN ORIENTATION									

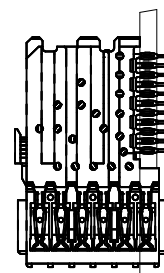
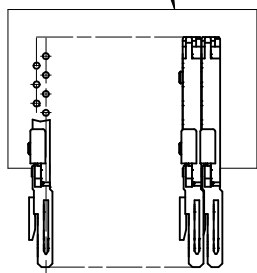
74059-\*\*\*\*

NUMBER OF COLUMNS/PLATING  
 11 = 10 COLUMN MATTE TIN (FORMERLY TIN/LEAD)  
 26 = 25 COLUMN MATTE TIN (FORMERLY TIN/LEAD)  
 61 = 10 COLUMN MATTE TIN (MAPS)  
 76 = 25 COLUMN MATTE TIN (MAPS)  
 91 = 10 COLUMN MATTE TIN  
 86 = 25 COLUMN MATTE TIN

CONTACT LOAD  
(PIN LENGTH)  
 1 & 6 = 4.75  
 2 & 7 = 6.25  
 3 & 8 = 4.25  
 4 & 9 = 5.15

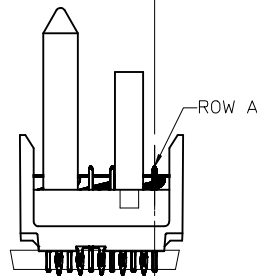
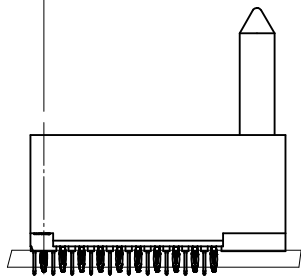
PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	GOLD THICKNESS MICROMETER	TIN THICKNESS MICROMETER
<b>74059-61*1</b>	10	60	10	27.00	18.00	4.75	0.25 MAPS	0.76-1.52
74059-*1*1							0.76	
74059-*1*6							1.27	
<b>74059-76*1</b>	25	150	25	57.00	48.00	6.25	0.25 MAPS	
74059-*6*1							0.76	
74059-*6*6							1.27	
<b>74059-61*2</b>	10	60	10	27.00	18.00	4.25	0.25 MAPS	
74059-*1*2							0.76	
74059-*1*7							1.27	
<b>74059-76*2</b>	25	150	25	57.00	48.00	6.25	0.25 MAPS	
74059-*6*2							0.76	
74059-*6*7							1.27	
<b>74059-61*3</b>	10	60	10	27.00	18.00	4.25	0.25 MAPS	
74059-*1*3							0.76	
74059-*1*8							1.27	
<b>74059-76*3</b>	25	150	25	57.00	48.00	6.25	0.25 MAPS	
74059-*6*3							0.76	
74059-*6*8							1.27	
<b>74059-61*4</b>	10	60	10	27.00	18.00	5.15	0.25 MAPS	
74059-*1*4							0.76	
74059-*1*9							1.27	
<b>74059-76*4</b>	25	150	25	57.00	48.00	6.25	0.25 MAPS	
74059-*6*4							0.76	
74059-*6*9							1.27	

DAUGHTERCARD  
CONNECTOR SIDE

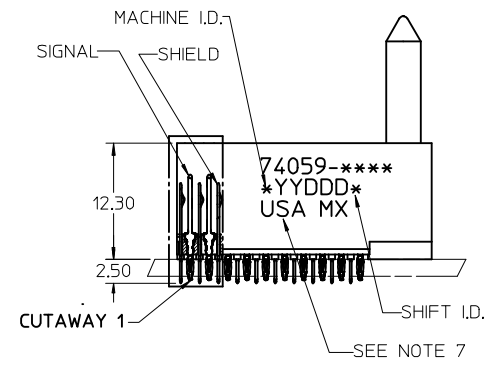
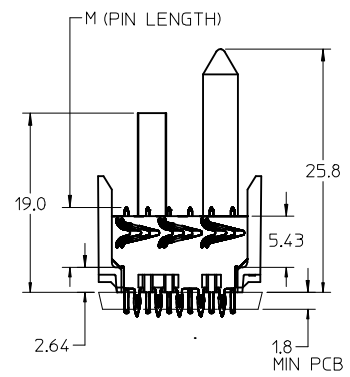
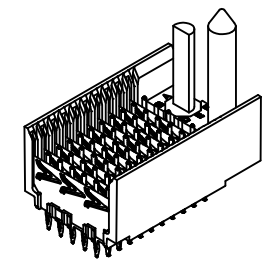
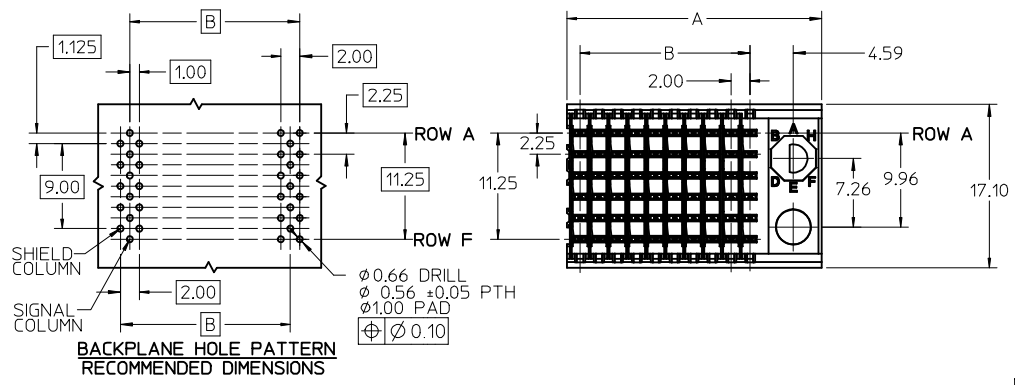


0.41 OFFSET  
SIGNAL TO  
SIGNAL

0.66 TOP  
DAUGHTERCARD  
PCB TO CENTER  
OF ROW A



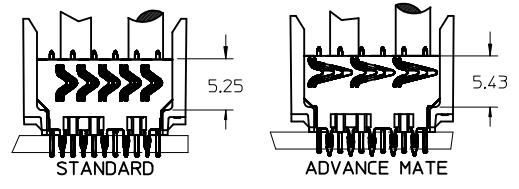
SEE SHEET 1 EC NO: UCP2013-0687 DRAWINGS 2012/08/22 CHKD:WOLFE 2012/11/28 APPR:SMILLER 2012/12/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>2.5:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
	▽=0	mm INCH	DRAWN BY DATE	TITLE	<b>VHDM SALES ASSEMBLY 6 ROW ADVANCE MATE SHIELD END BACKPLANE</b>  <b>molex</b> DOCUMENT NO. <b>SD-74059-003</b>	SHEET NO. <b>2 OF 2</b>
	▽=0	4 PLACES ± --- ± ---	MOWANG 2001/10/01	CHECKED BY DATE		
	▽=0	3 PLACES ± --- ± ---	NMARTIN 2001/10/02	APPROVED BY DATE		
▽=0	2 PLACES ± --- ± ---	CBIXLER 2001/10/02				
		1 PLACE ± --- ± ---	MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		0 PLACE ± ±	SIZE			
		ANGULAR ±1/2°	SEE TABLE			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				



NOTES:

- MATERIAL: HOUSING -LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED. UL 94 V-0.COLOR: BLACK. SIGNAL & SHIELD -COPPER ALLOY.
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CONTACT AREA: SELECTIVE GOLD (Au)  
PCB TAILS: SELECTIVE MATTE TIN (Sn)  
NICKEL (Ni) OVERALL.
- THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-74031-999.
- FOR MIXED CONTACT MATING LENGTHS CONSULT MOLEX FOR AVAILABILITY.
- FOR SPECIFIC PART NUMBER AND MATING INFORMATION REFER TO SHEET 2.
- PACKAGE PER PK-74058-003.
- MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN
- MAPS (MOLEX ADVANCED PLATING SYSTEM).

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



LEAD FREE CONVERSION EC NO: UCP2013-0687 DRAWINGS: 2012/08/22 CHKD:MMOLFE 2012/11/28 APPR:SMILLER 2012/12/14	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY MQWANG	DATE 2001/10/01	TITLE VHDM SALES ASSEMBLY 6 ROW ADVANCE MATE SHIELD END BACKPLANE	DOCUMENT NO. SD-74059-003		SHEET NO. 1 OF 2
REV	DESCRIPTION	4 PLACES ±	±	CHECKED BY NMARTIN	DATE 2001/10/02	APPROVED BY CBIXLER		DATE 2001/10/02	
		3 PLACES ±	±	MATERIAL NO.		SEE SHEET 2			
		2 PLACES ±	±	ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		1 PLACE ±	±						
		0 PLACE ±	±						

P/N 74059-( )	-**0*	-**1*	-**2*	-**3*	-**4*	-**5*	-**6*	-**7*	-**8*
KEYING PIN ORIENTATION									

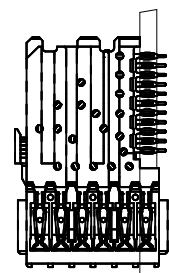
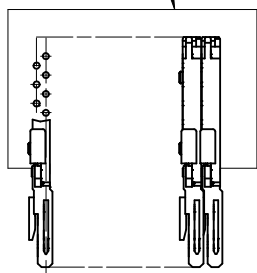
74059-\*\*\*\*

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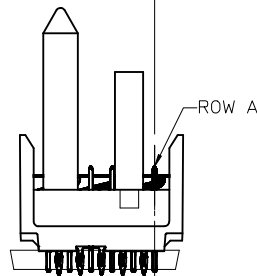
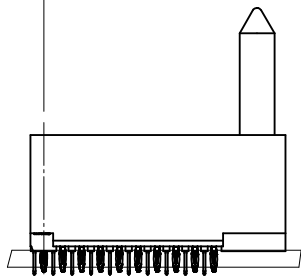
PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	GOLD THICKNESS MICROMETER	TIN THICKNESS MICROMETER
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74059-*6*1							0.76	
74059-*6*6							1.27	
<b>74059-61*2</b>	10	60	10	27.00	18.00	4.25	0.25 MAPS	
74059-*1*2							0.76	
74059-*1*7							1.27	
<b>74059-76*2</b>	25	150	25	57.00	48.00	6.25	0.25 MAPS	
74059-*6*2							0.76	
74059-*6*7							1.27	
<b>74059-61*3</b>	10	60	10	27.00	18.00	4.25	0.25 MAPS	
74059-*1*3							0.76	
74059-*1*8							1.27	
<b>74059-76*3</b>	25	150	25	57.00	48.00	6.25	0.25 MAPS	
74059-*6*3							0.76	
74059-*6*8							1.27	
<b>74059-61*4</b>	10	60	10	27.00	18.00	5.15	0.25 MAPS	
74059-*1*4							0.76	
74059-*1*9							1.27	
<b>74059-76*4</b>	25	150	25	57.00	48.00	6.25	0.25 MAPS	
74059-*6*4							0.76	
74059-*6*9							1.27	

DAUGHTERCARD  
CONNECTOR SIDE



0.41 OFFSET  
SIGNAL TO  
SIGNAL

0.66 TOP  
DAUGHTERCARD  
PCB TO CENTER  
OF ROW A



SEE SHEET 1 EC NO: UCP2013-0687 DRAWINGS 2012/08/22 CHKD:WOLFE 2012/11/28 APPR:SMILLER 2012/12/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>2.5:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION	
	∇=0 ∇=0 ∇=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± ±	DRAWN BY DATE MWANG 2001/10/01 CHECKED BY DATE NMARTIN 2001/10/02 APPROVED BY DATE CBIXLER 2001/10/02	TITLE	VHDM SALES ASSEMBLY 6 ROW ADVANCE MATE SHIELD END BACKPLANE		
	ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. <b>SEE TABLE</b>	DOCUMENT NO. <b>SD-74059-003</b>	<b>molex</b>			
	SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SHEET NO. 2 OF 2					