

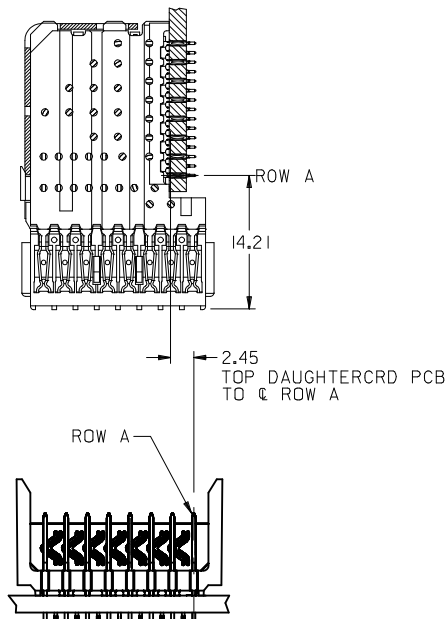
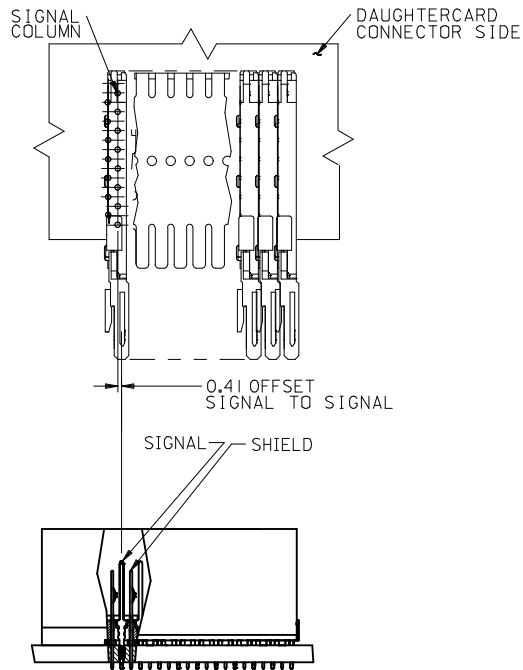
NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL 94V-0, COLOR: BLACK
SIGNAL PIN & SHIELD - COPPER ALLOY
2. FINISHES: SELECTIVE GOLD (Au) IN CONTACT AREA,
SELECTIVE TIN/LEAD (Sn/Pb) OR SELECTIVE MATTE
TIN (Sn) ON PCB TAILS AND
NICKEL (Ni) OVERALL
3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION
PS-74031-999.
4. FOR MIXED CONTACT MATING LENGTHS, CONSULT MOLEX
FOR AVAILABILITY.
5. FOR SPECIFIC MATERIAL NUMBERS AND MATING INFORMATION
REFER TO SHEET 2.
6. PACKAGE PER PK-74061-003.
7. EITHER MARK PARTS WITH PART NUMBER AND DATE CODE
APPROXIMATELY WHERE SHOWN OR PLACE LABEL ON THE TUBE.

ADD LEADFREE P/NS EC NO: UCP2012-1899 DRWN:MWOLFE 2011/12/13 CHKD:SDANNELLEY 2011/12/13 APPR:SMILLER 2012/01/17	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.25 ± ---	1 PLACE ± 0.38 ± ---	DRAWN BY JMELTON	DATE 2010/04/09	TITLE VHDM BACKPLANE 8 ROW SIGNAL-PIN END SALES DRAWING				
		ANGULAR ± --- °				CHECKED BY SDANNELLEY	DATE 2010/04/12	APPROVED BY SMILLER				DATE 2010/04/19
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO. SEE SHEET 2		DOCUMENT NO. SD-74457-002		SHEET NO. 1 OF 2		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A MAX	B	M	Au (um) THICKNESS	Sn (um) THICKNESS
74457-**-01	10	80	10	27.00	18.00	4.75	0.76	0.38-1.52
74457-**-06							1.27	
74457-**-01	25	200	25	57.00	48.00	6.25	0.76	
74457-**-06							1.27	
74457-**-02	10	80	10	27.00	18.00	4.25	0.76	
74457-**-07							1.27	
74457-**-02	25	200	25	57.00	48.00	5.15	0.76	
74457-**-07							1.27	
74457-**-03	10	80	10	27.00	18.00	4.25	0.76	
74457-**-08							1.27	
74457-**-03	25	200	25	57.00	48.00	5.15	0.76	
74457-**-08							1.27	
74457-**-04	10	80	10	27.00	18.00	4.25	0.76	
74457-**-09							1.27	
74457-**-04	25	200	25	57.00	48.00	5.15	0.76	
74457-**-09							1.27	



MATERIAL NUMBER ASSIGNMENT

74457-**-0*

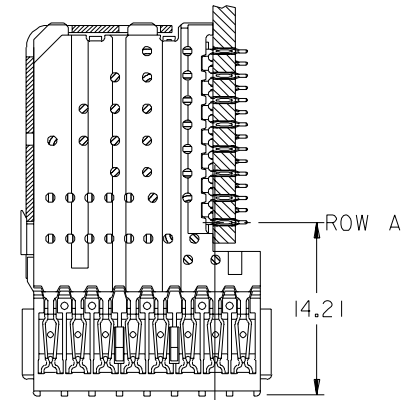
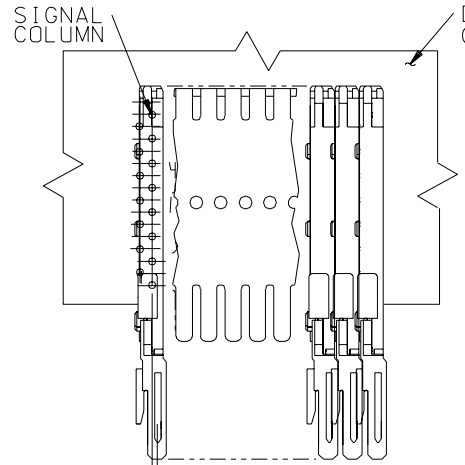
NUMBER OF COLUMNS/ PIN LENGTH PLATING

10 = 10 COLUMN TIN/LEAD	1 & 6 = 4.75
25 = 25 COLUMN TIN/LEAD	2 & 7 = 6.25
90 = 10 COLUMN MATTE TIN	3 & 8 = 4.25
85 = 25 COLUMN MATTE TIN	4 & 9 = 5.15

ADD LEADFREE P/NS EC NO: UCP2012-1899 DRWN:WOLFE 2011/12/13 CHKD:SDANNELLEY 2011/12/13 APPR:SMILLER 2012/01/17	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.38 ± ---	mm INCH	DRAWN BY DATE JMELTON 2010/04/09	CHECKED BY DATE SDANNELLEY 2010/04/12	TITLE VHDM BACKPLANE 8 ROW SIGNAL-PIN END SALES DRAWING			
		ANGULAR ± ---°		APPROVED BY DATE SMILLER 2010/04/19	MATERIAL NO. DOCUMENT NO. SEE TABLE SD-74457-002				
		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				

10 9 8 7 6 5 4 3 2 74457

PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A MAX	B	M	Au (um) THICKNESS	Sn/Ph (um) THICKNESS		
74457-1001	10	80	10	27.00	18.00	4.75	0.76	0.38-1.52		
74457-1006							1.27			
74457-2501							0.76			
74457-2506	25	200	25	57.00	48.00	6.25	1.27		0.38-1.52	
74457-1002							0.76			
74457-1007							1.27			
74457-2502	25	200	25	57.00	48.00	4.25	0.76			0.38-1.52
74457-2507							1.27			
74457-1003							0.76			
74457-1008	10	80	10	27.00	18.00	5.15	1.27	0.38-1.52		
74457-2503							0.76			
74457-2508							1.27			
74457-1004	10	80	10	27.00	18.00	4.25	0.76		0.38-1.52	
74457-1009							1.27			
74457-2504							0.76			
74457-2509	25	200	25	57.00	48.00	6.25	1.27			0.38-1.52
							0.76			
							1.27			

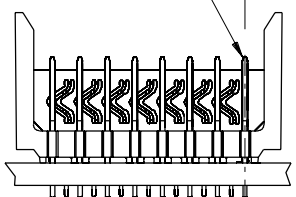
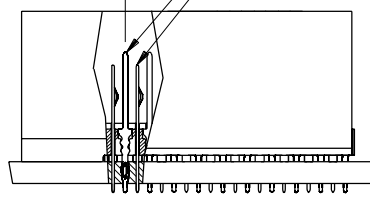


Ø.41 OFFSET SIGNAL TO SIGNAL

2.45 TOP DAUGHTERCARD PCB TO ϕ ROW A

SIGNAL SHIELD

ROW A



REVISED EC NO: UDT2002-0443 DRWN: MWANG 01/09/18 CHK: NMARTIN 01/19/18 APPR: CBIXLER 01/09/18	QUALITY SYMBOLS MAJOR $\nabla = \emptyset$ CRITICAL $\nabla C = \emptyset$	GENERAL TOLERANCES: (UNLESS SPECIFIED)	SCALE 2.5:1	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	DIMENSIONS: <input type="checkbox"/> mm <input type="checkbox"/> INCH <input checked="" type="checkbox"/> mm ONLY	SHT REV	
	DRAWN BY & DATE MWANG 00/03/10	CHECKED BY & DATE JLAURX 00/03/10	APPROVED BY & DATE CBIXLER 00/03/10	CAD FILENAME SD-74457-002.DGN	MATERIAL NO. SEE SHEET 2	DRAWING NO. SD-74457-002	REVISE ON CAD ONLY
	TITLE: VHDM BACKPLANE 8 ROW SIGNAL-PIN END SALES DRAWING		MOLEX INCORPORATED		SHEET NO. 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.

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