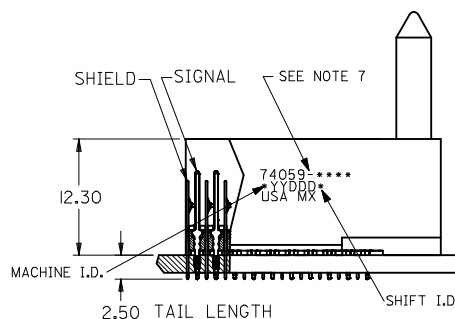
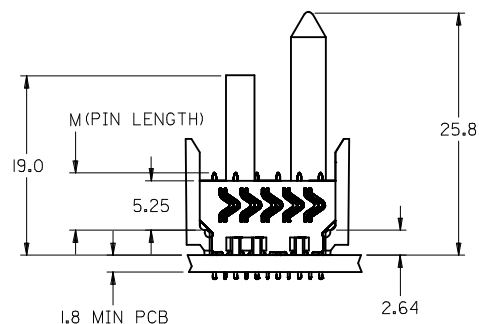
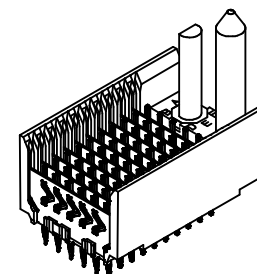
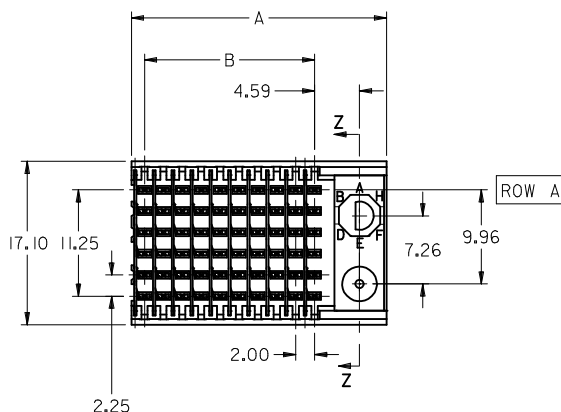
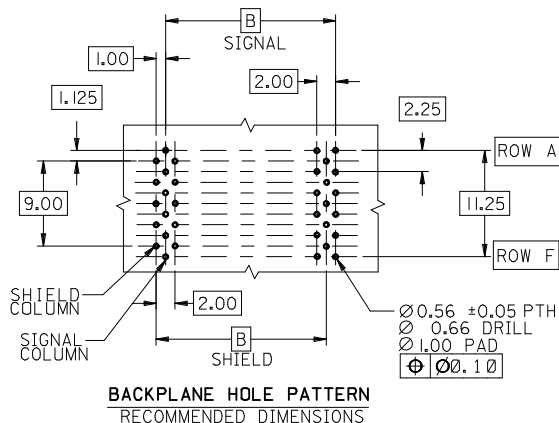




NOTES:

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 DRAWNGES CHKD:MMOLFE APPR:SMILLER 2012/11/21 2012/12/14	O	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				F=0	4 PLACES	± ---	± ---	DRAWN BY JMETLTON	DATE 2010/05/20	TITLE VHDM 6 ROW SHIELD END BACKPLANE SALES DRAWING molex					
				E=0	3 PLACES	± ---	± ---	CHECKED BY SDANNELLEY	DATE 2010/05/20						
				F=0	2 PLACES	± 0.10	± ---	APPROVED BY SMILLER	DATE 2010/07/14						
					1 PLACE	± 0.25	± ---	MATERIAL NO.	DOCUMENT NO.						SHEET NO.
					0 PLACE	±	±	SEE SHT 2	SD-74059-002						1 OF 2
				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						

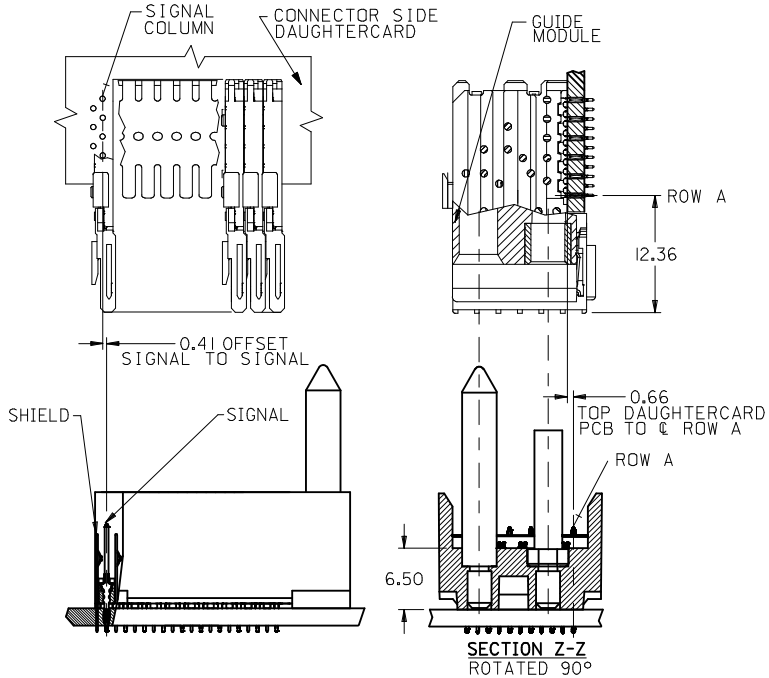
M/N 74059-()	---0*	---1*	---2*	---3*	---4*	---5*	---6*	---7*	---8*
KEYING PIN ORIENTATION									

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

REV O

DRWNGES 2012/08/21

CHKD:MMWLF 2012/11/21

APPR:SMILLER 2012/12/14

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

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

DIMENSION STYLE MM ONLY

SCALE 2.5:1

DESIGN UNITS METRIC

THIRD ANGLE PROJECTION

VHDM 6 ROW SHIELD END BACKPLANE SALES DRAWING

molex

DOCUMENT NO. SD-74059-002

SHEET NO. 2 OF 2

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