

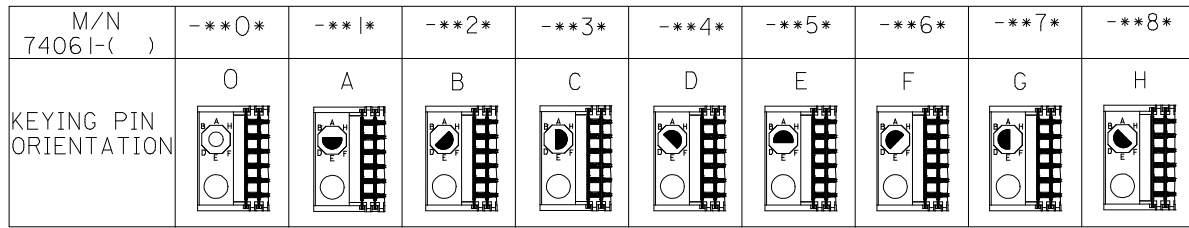
BACKPLANE HOLE PATTERN
RECOMMENDED DIMENSION

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
6. PACKAGE PER PK-74061-003
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.

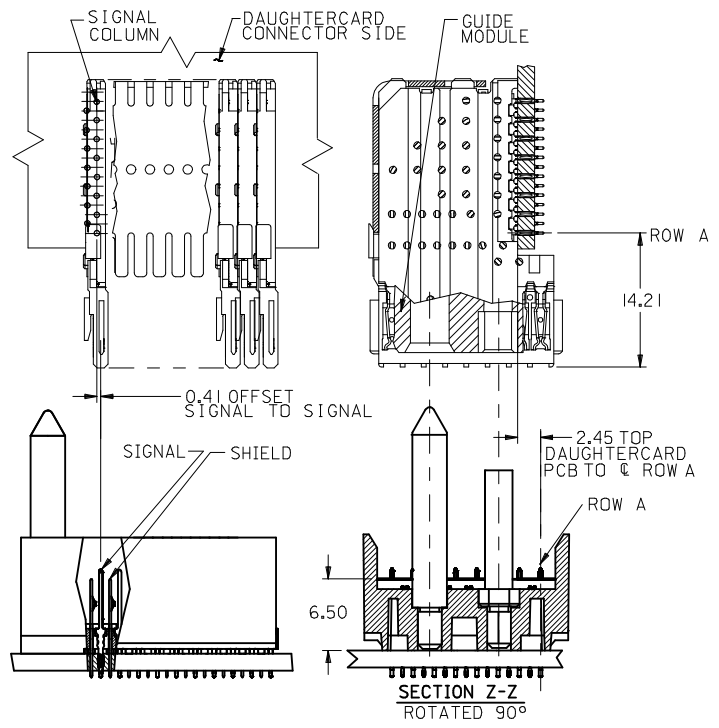
LEAD FREE CONVERSION EC NO: UCP2013-0687 DRAWINGS: 2012/08/23 CHKD: MWOLFE 2012/11/20 APPR: SMILLER 2012/12/14 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 2.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	mm INCH	DRAWN BY DATE JMELTON 2010/05/19	TITLE	VHDM 8 ROW SIGNAL END BACKPLANE SALES ASSEMBLY molex	SHEET NO. 1 OF 2
	▽=0	4 PLACES ± --- ± ---	CHECKED BY DATE SDANNELLEY 2010/05/19	SEE SHEET 2 DOCUMENT NO. SD-74061-002		
	▽=0	3 PLACES ± --- ± ---	APPROVED BY DATE SMILLER 2010/07/14			
▽=0	2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± ±	MATERIAL NO.				
	ANGULAR ±1/2°	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		



74061 - * * * *

NUMBER OF COLUMNS/PLATING
 10 = 10 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
 12 = 12 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
 25 = 25 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
 60 = 10 COLUMN MATTE TIN (MAPS)
 62 = 12 COLUMN MATTE TIN (MAPS)
 75 = 25 COLUMN MATTE TIN (MAPS)
 90 = 10 COLUMN MATTE TIN
 92 = 12 COLUMN MATTE TIN
 85 = 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
74061-60*1	10	80	10	27.00	18.00	4.75	0.25 MAPS	0.76-1.52
74061-*0*1							0.76	
74061-*0*6							1.27	
74061-75*1	25	200	25	57.00	48.00	4.75	0.25 MAPS	
74061-*5*1							0.76	
74061-*5*6							1.27	
74061-60*2	10	80	10	27.00	18.00	6.25	0.25 MAPS	
74061-*0*2							0.76	
74061-*0*7							1.27	
74061-75*2	25	200	25	57.00	48.00	6.25	0.25 MAPS	
74061-*5*2							0.76	
74061-*5*7							1.27	
74061-60*3	10	80	10	27.00	18.00	4.25	0.25 MAPS	
74061-*0*3							0.76	
74061-*0*8							1.27	
74061-75*3	25	200	25	57.00	48.00	4.25	0.25 MAPS	
74061-*5*3							0.76	
74061-*5*8							1.27	
74061-60*4	10	80	10	27.00	18.00	5.15	0.25 MAPS	
74061-*0*4							0.76	
74061-*0*9							1.27	
74061-75*4	25	200	25	57.00	48.00	5.15	0.25 MAPS	
74061-*5*4							0.76	
74061-*5*9							1.27	

PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	GOLD THICKNESS MICROMETER	TIN THICKNESS MICROMETER
74061-62*1	12	96	12	31.00	22.00	4.75	0.25 MAPS	0.76-1.52
74061-*2*1							0.76	
74061-*2*6							1.27	
74061-62*2	12	96	12	31.00	22.00	6.25	0.25 MAPS	
74061-*2*2							0.76	
74061-*2*7							1.27	
74061-62*3	12	96	12	31.00	22.00	4.25	0.25 MAPS	
74061-*2*3							0.76	
74061-*2*8							1.27	
74061-62*4	12	96	12	31.00	22.00	5.15	0.25 MAPS	
74061-*2*4							0.76	
74061-*2*9							1.27	

SEE SHEET 1
 EC NO: UCP2013-0687
 DRAWINGS: 2012/08/23
 CHKD: MWOLFE 2012/11/20
 APPR: SMILLER 2012/12/14

QUALITY SYMBOLS
 ∇=0
 ∇=0
 ∇=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	±	±

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY DATE
 JMELTON 2010/05/19

CHECKED BY DATE
 SDANNELLEY 2010/05/19

APPROVED BY DATE
 SMILLER 2010/07/14

MATERIAL NO.
SEE TABLE

SCALE
2.5:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

VHDM 8 ROW
 SIGNAL END BACKPLANE
 SALES ASSEMBLY

molex

DOCUMENT NO.
SD-74061-002

SHEET NO.
2 OF 2

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