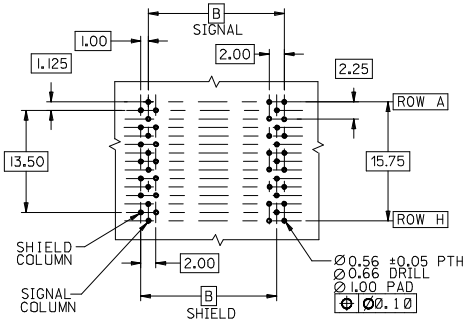
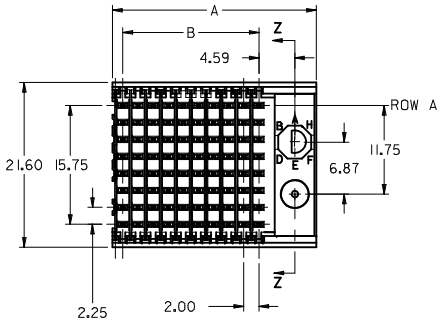
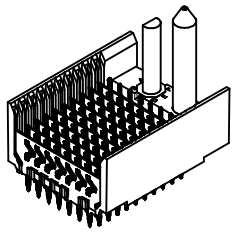
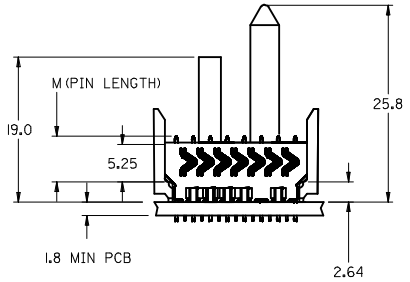
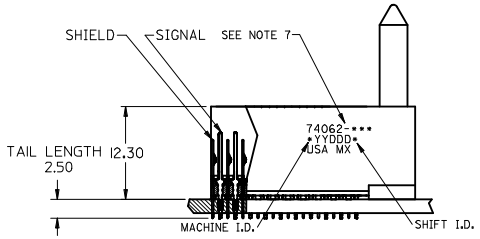


BACKPLANE HOLE PATTERN
RECOMMENDED DIMENSION









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 2012/08/23
DRWN:GES 2012/11/26
CH'KD:MWOLFE
APPR:SMILLER 2012/12/14
DESCRIPTION
REV
P

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
SCALE: 2.5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	MWANG	1998/11/12
CHECKED BY	JLAURX	1998/11/12
APPROVED BY	CBIXLER	1998/11/12

TITLE: VHDM 8 ROW SHIELD END BACKPLANE SALES ASSEMBLY

molex

MATERIAL NO.: SEE SHEET 2
DOCUMENT NO.: SD-74062-002
SHEET NO.: 1 OF 2
SIZE: C

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

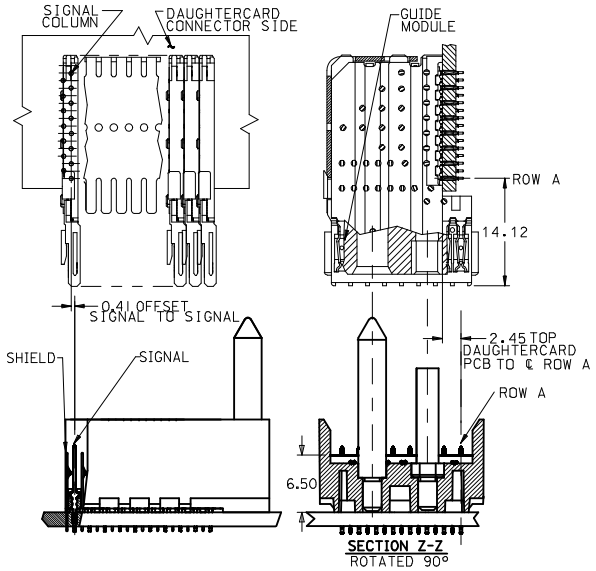
M/N 74062-( )	-**0*	-**1*	-**2*	-**3*	-**4*	-**5*	-**6*	-**7*	-**8*	-**9*
KEYING PIN ORIENTATION	0	A	B	C	D	E	F	G	H	9

NO GUIDE PIN
NO KEYING PIN

74062 - * * * *

NUMBER OF COLUMNS/PLATING
10 = 10 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
25 = 25 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
60 = 10 COLUMN MATTE TIN (MAPS)
75 = 25 COLUMN MATTE TIN (MAPS)
90 = 10 COLUMN MATTE TIN
85 = 25 COLUMN MATTE TIN

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
74062-60*1	10	80	10	27.00	18.00	4.75	0.25 MAPS	0.76-1.52
74062-*0*1							0.76	
74062-*0*6							1.27	
74062-75*1	25	200	25	57.00	48.00		0.25 MAPS	
74062-*5*1							0.76	
74062-*5*6							1.27	
74062-60*2	10	80	10	27.00	18.00	6.25	0.25 MAPS	
74062-*0*2							0.76	
74062-*0*7							1.27	
74062-75*2	25	200	25	57.00	48.00		0.25 MAPS	
74062-*5*2							0.76	
74062-*5*7							1.27	
74062-60*3	10	80	10	27.00	18.00	4.25	0.25 MAPS	
74062-*0*3							0.76	
74062-*0*8							1.27	
74062-75*3	25	200	25	57.00	48.00		0.25 MAPS	
74062-*5*3							0.76	
74062-*5*8							1.27	
74062-60*4	10	80	10	27.00	18.00	5.15	0.25 MAPS	
74062-*0*4							0.76	
74062-*0*9							1.27	
74062-75*4	25	200	25	57.00	48.00		0.25 MAPS	
74062-*5*4							0.76	
74062-*5*9							1.27	

SEE SHEET 1
EC NO: UCP2013-0687 2012/08/23
DRWN:GES 2012/11/26
CH'KD:MWOLFE
APPR:SMILLER 2012/12/14
DESCRIPTION
REV P

QUALITY SYMBOLS
F =0
F =0
F =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2.5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	DATE
MWANG	1998/11/12
CHECKED BY	DATE
JLAURX	1998/11/12
APPROVED BY	DATE
CBIXLER	1998/11/12

TITLE: VHDM 8 ROW SHIELD END BACKPLANE SALES ASSEMBLY

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-74062-002
SHEET NO.: 2 OF 2
SIZE: C

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