

10 9 8 7 6 5 4 3 2 1

NOTES:

1. MATERIALS:

HOUSING - LIQUID CRYSTAL POLYMER (LCP),
UL94 V-0, COLOR: BLACK.

TERMINAL - COPPER ALLOY

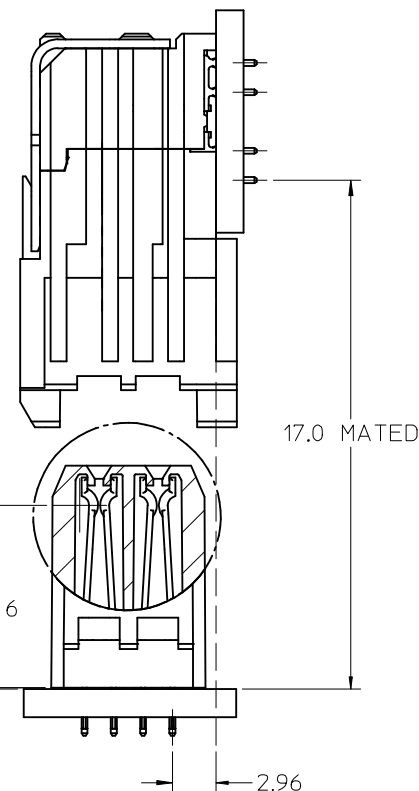
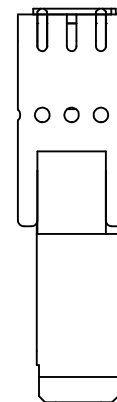
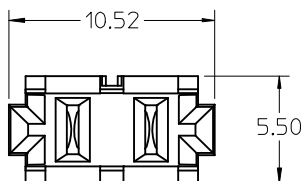
2. FINISH: SELECTIVE GOLD ON MATING SURFACE,
MATTE TIN ON TAILS; NICKEL UNDERPLATE.

3. THIS PART CONFORMS TO PRODUCT SPECIFICATION
PS-74031-999.

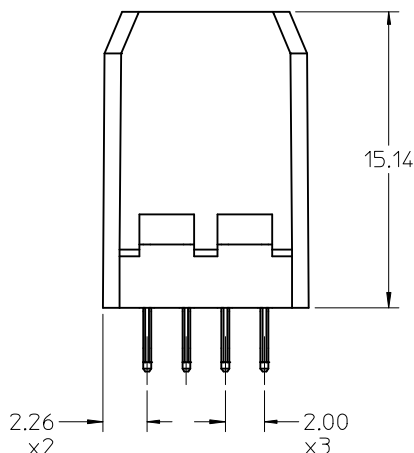
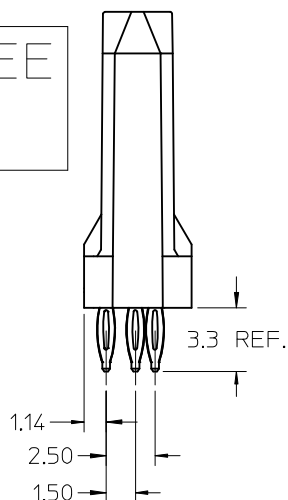
4. SINGLE ROW ASSEMBLY PACKAGED PER PK-70873-0876.

5. MATES WITH 74026 SERIES DAUGHTERCARD POWER ASSEMBLY.

6. MATING INTERFACE MEASURED FROM BOTTOM OF HOUSING.



LEAD-FREE
PLATING



MOLEX P/N	GOLD THICKNESS (MINIMUM)	TAIL PLATING
74029-6000	30 MICROINCHES	MATTE TIN
74029-6050	50 MICROINCHES	

ADD LEADED P/N
EC NO: UCP2013-0146
2012/07/12
IDRMN:VANG01
2012/07/12
CHKD:WOLFE
2012/07/12
APPR:SMILLER
2012/08/06

QUALITY
SYMBOLS
F=0
F=0
F=0

	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.38	± ---
0 PLACE	±	±
ANGULAR ±1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

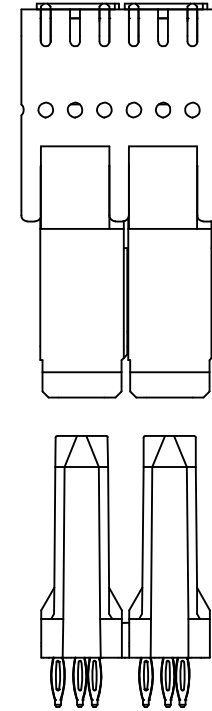
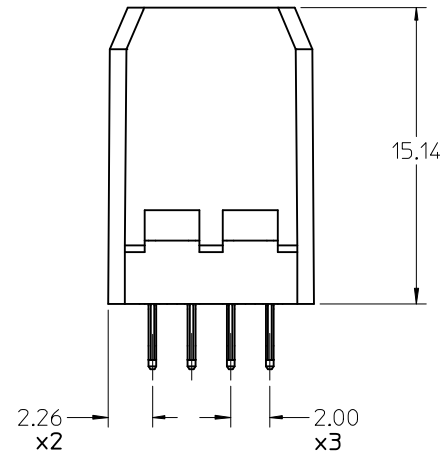
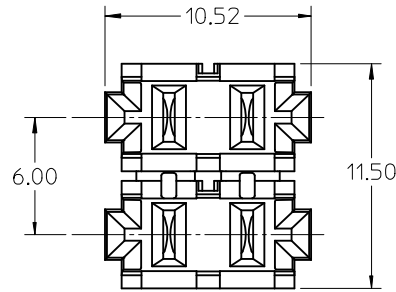
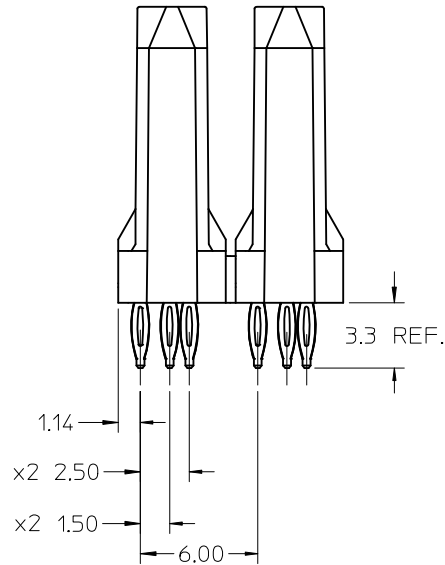
DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
ELO	2003/07/14
CHECKED BY	DATE
STANFORD	2003/07/17
APPROVED BY	DATE
BIXLER	2003/07/21
MATERIAL NO.	
SEE TABLE	
SIZE	B

SINGLE ROW ASSEMBLY

SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
TITLE VHDM/HSD POWER 6 ROW BACKPLANE SALES DRAWING		
molex		
DOCUMENT NO. SD-74029-011		SHEET NO. 1 OF 3

NOTES:

1. THIS DESIGN INTENDED AS OPTION TO HAVING TWO SINGLE ROW MODULES NEXT TO EACH OTHER.
2. FINISH: SELECTIVE GOLD ON MATING SURFACE; TIN/LEAD OR MATTE TIN ON TAILS; NICKEL UNDERPLATE.
3. DUAL ROW ASSEMBLIES PACKED PER PK-70873-545.

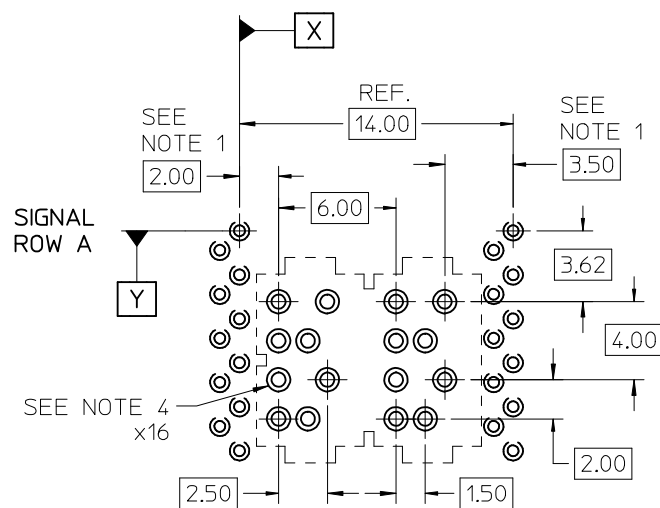


DUAL ROW ASSEMBLY

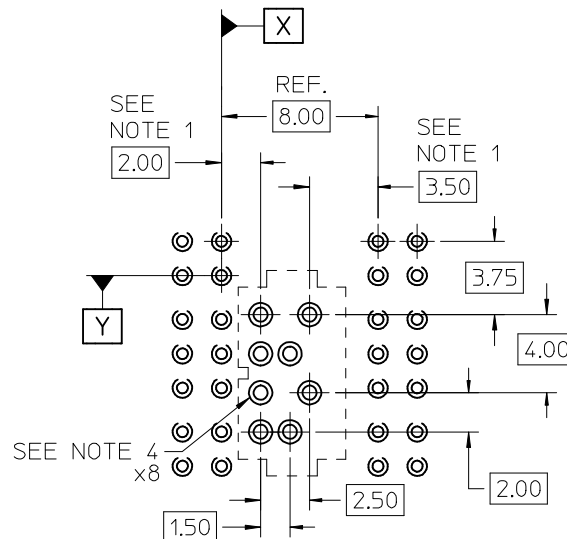
MOLEX P/N	GOLD THICKNESS (MINIMUM)	TAIL PLATING
74029-6002	30 MICROINCHES	MATTE TIN
74029-6052	50 MICROINCHES	
74029-6902	30 MICROINCHES	TIN/LEAD
74029-6952	50 MICROINCHES	

SEE SHEET 1 EC NO: UCP2013-0146 DRWN:SVANG01 2012/07/12 CHKD:MWOLFE 2012/07/12 APPR:SMILLER 2012/08/06	DESCRIPTION	QUALITY SYMBOLS ▽ =0 ▽ =0 ▽ =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
			mm	INCH	DRAWN BY	DATE	TITLE VHDM/HSD POWER 6 ROW BACKPLANE SALES DRAWING					
			4 PLACES	± ---	± ---	ELO						2003/07/14
			3 PLACES	± ---	± ---	CHECKED BY	DATE	molex				
			2 PLACES	± 0.25	± ---	STANFORD	2003/07/17					
1 PLACE	± 0.38	± ---	APPROVED BY	DATE	DOCUMENT NO. SD-74029-011							
0 PLACE	±	±	BIXLER	2003/07/21						SHEET NO. 2 OF 3		
ANGULAR ±1/2°			MATERIAL NO.									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE B		SEE TABLE							
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

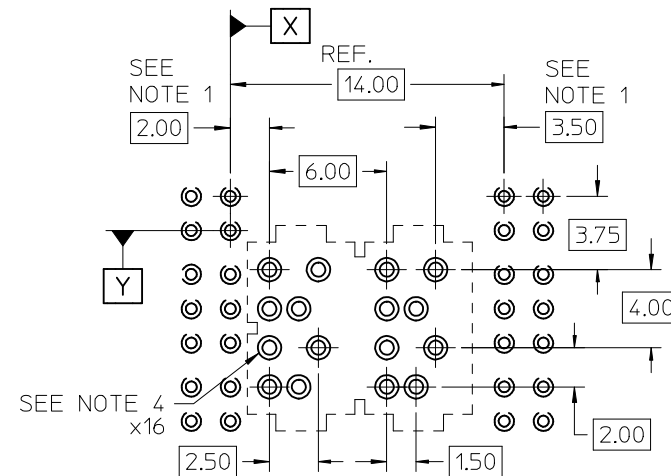
BOARD LAYOUTS: 1.8 mm MIN. BOARD THICKNESS



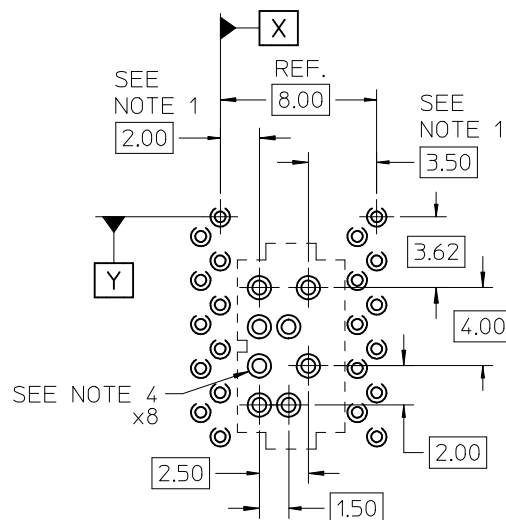
VHDM DUAL ROW POWER



VHDM-HSD SINGLE ROW POWER



VHDM-HSD DUAL ROW POWER



VHDM SINGLE ROW POWER

NOTES:

1. ADDITIONAL SPACING CAN BE ADDED IN MULTIPLES OF 2.0 mm AS REQUIRED. FOR EACH ADDITIONAL SINGLE ROW POWER, ADD 6.00 mm.
2. SIGNAL ROW A IS IN LINE WITH DATUM Y IN ALL FOUR LAYOUTS.
3. FOUR HOLES ARE USED PER POWER CONTACT.
4. EACH POWER HOLE TO BE MANUFACTURED AS FOLLOWS:

Ø0.725±0.075 PLATED THROUGH HOLE

Ø1.20 PAD

Ø0.838 DRILL

Ø0.10 X Y

SEE SHEET 1 EC NO: UCP2013-0146 DRWN:SVANG01 2012/07/12 CHKD:MWOLF 2012/07/12 APPR:SMILLER 2012/08/06	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± 0.38</td><td>± ---</td></tr><tr><td>0 PLACE</td><td>±</td><td>±</td></tr></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.25	± ---	1 PLACE	± 0.38	± ---	0 PLACE	±	±	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
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DRAWN BY ELO	DATE 2003/07/14	TITLE VHDM/HSD POWER 6 ROW BACKPLANE SALES DRAWING																							
CHECKED BY STANFORD	DATE 2003/07/17																								
APPROVED BY BIXLER	DATE 2003/07/21																								
MATERIAL NO.		DOCUMENT NO.	SHEET NO.																						
SEE TABLE		SD-74029-011	3 OF 3																						
SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																								