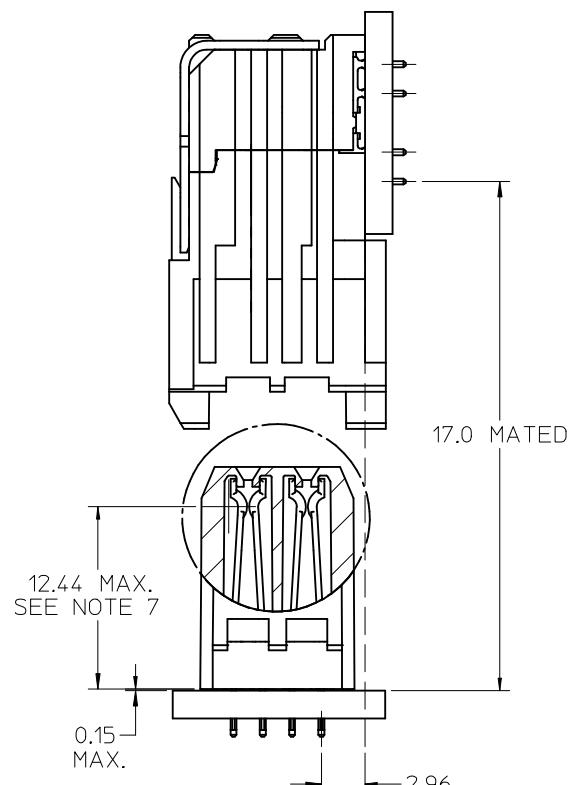
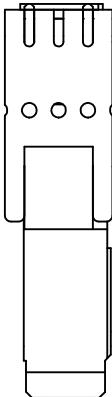
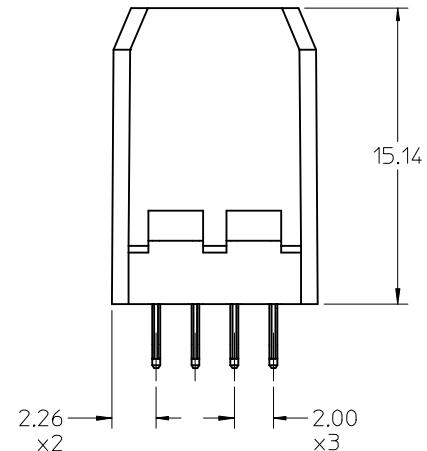
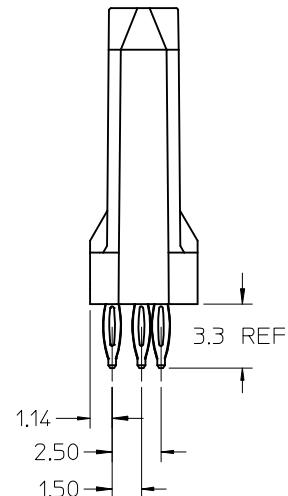


10 9 8 7 6 5 4 3 2 1

NOTES:

1. MATERIALS:  
HOUSING - LIQUID CRYSTAL POLYMER (LCP),  
UL94 V-0, COLOR: BLACK.  
TERMINAL - COPPER ALLOY
2. FINISH: 30  $\mu$  IN MIN. GOLD ON MATING SURFACE;  
MATTE TIN ON TAILS; NICKEL UNDERPLATE.
3. FINISH: 50  $\mu$  IN MIN. GOLD ON MATING SURFACE;  
MATTE TIN ON TAILS; NICKEL UNDERPLATE.
4. THIS PART CONFORMS TO PRODUCT SPECIFICATION  
PS-74031-999.
5. SINGLE ROW ASSEMBLY PACKED PER PK-70873-0876.
6. MATES WITH 75885 SERIES DAUGHTERCARD POWER ASSEMBLY.
7. MATING INTERFACE MEASURED FROM BOTTOM OF HOUSING.



MOLEX P/N	GOLD THICKNESS
75888-6000	30uin
75888-6050	50uin

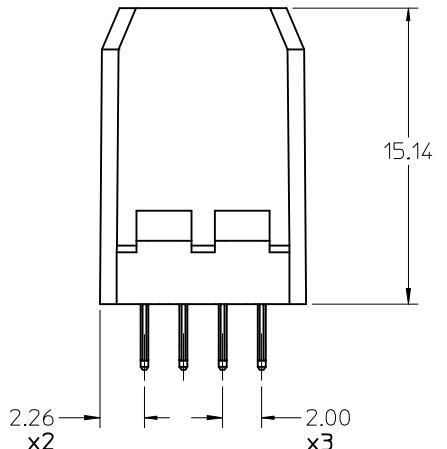
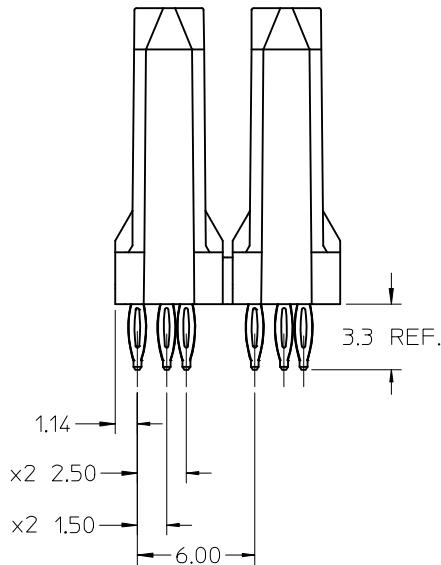
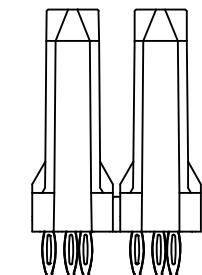
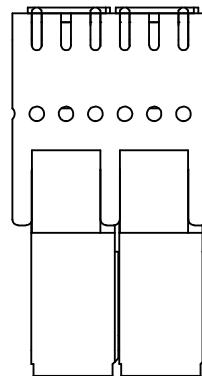
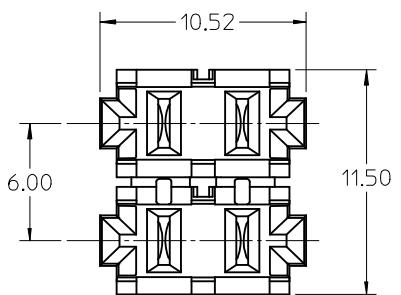
ADD GEN. TOLERANCE		EC NO: UCP2014-2587	DRWNS:JAN01	CHKD:MMOLFE	APPR:SMILLER	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	PROJECTION
REV	REV	2013/12/17	2013/12/17	2013/12/17	DESCRIPTION	$\nabla$ =0	mm	INCH	DRAWN BY	DATE	TITLE	METRIC	THIRD ANGLE
B						$\nabla$ =0	4 PLACES	$\pm$ ---	$\pm$ ---	J JONIAK	2005/08/09		
						$\nabla$ =0	3 PLACES	$\pm$ ---	$\pm$ ---				
						$\nabla$ =0	2 PLACES	$\pm$ 0.13	$\pm$ ---	J JONIAK	2005/08/09		
						$\nabla$ =0	1 PLACE	$\pm$ 0.25	$\pm$ ---				
						$\nabla$ =0	0 PLACE	$\pm$	$\pm$	J JONIAK	2005/08/09		
							ANGULAR $\pm$ 5°		APPROVED BY				
							DRAFT WHERE APPLICABLE		DATE				
							MUST REMAIN		APPROVED BY				
							WITHIN DIMENSIONS		DATE				
							SEE CHART		APPROVED BY				
							MATERIAL NO.		DATE				
							SEE CHART		APPROVED BY				
							SIZE		DATE				
							B		APPROVED BY				
							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX		DATE				
							INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		APPROVED BY				

10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

F  
E  
D  
C  
B  
A

NOTES:

1. THIS DESIGN INTENDED AS OPTION TO HAVING TWO SINGLE ROW MODULES NEXT TO EACH OTHER.
2. FINISH:  $30 \mu$  IN GOLD ON MATING SURFACE; MATTE TIN ON TAILS; NICKEL UNDERPLATE.
3. FINISH:  $50 \mu$  IN GOLD ON MATING SURFACE; MATTE TIN ON TAILS; NICKEL UNDERPLATE.
4. DUAL ROW ASSEMBLIES PACKED PER PK-70873-545.

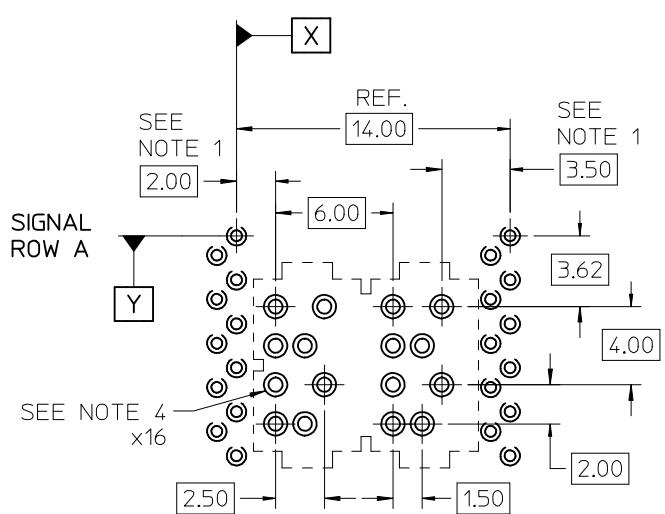


MOLEX P/N	CONTACT PLATING
75888-6002	SEE NOTE 2.
75888-6052	SEE NOTE 3.

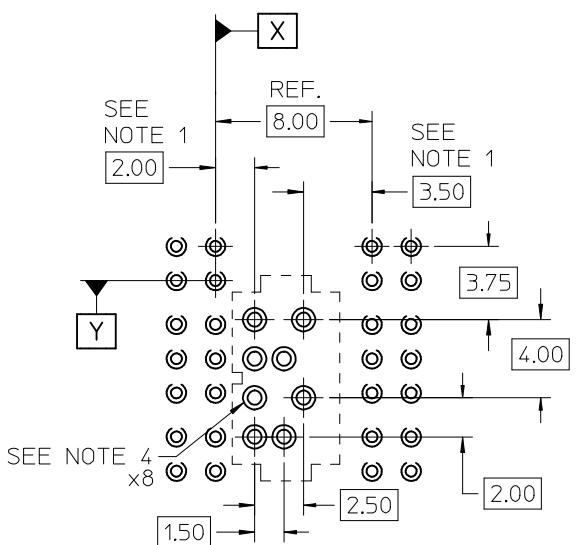
SEE SHEET 1		EC NO: UCP2014-2587 DRWNSN:ANG01 CHKD:MMOLFE APPR:SMILLER REV: B	QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY JJONIAK DATE 2005/08/09	CHECKED BY JJONIAK DATE 2005/08/09	APPROVED BY JJONIAK DATE 2005/08/09	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
MM	INCH												
4 PLACES	$\pm ---$	$\pm ---$											
3 PLACES	$\pm ---$	$\pm ---$											
2 PLACES	$\pm 0.13$	$\pm ---$											
1 PLACE	$\pm 0.25$	$\pm ---$											
0 PLACE	$\pm$	$\pm$											
ANGULAR $\pm 5^\circ$ DRAFT WHERE APPPLICABLE MUST REMAIN WITHIN DIMENSIONS													
SEE CHART		MATERIAL NO. SD-75888-006 DOCUMENT NO. SD-75888-006 SHEET NO. 2 OF 3	SIZE B	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 | 1

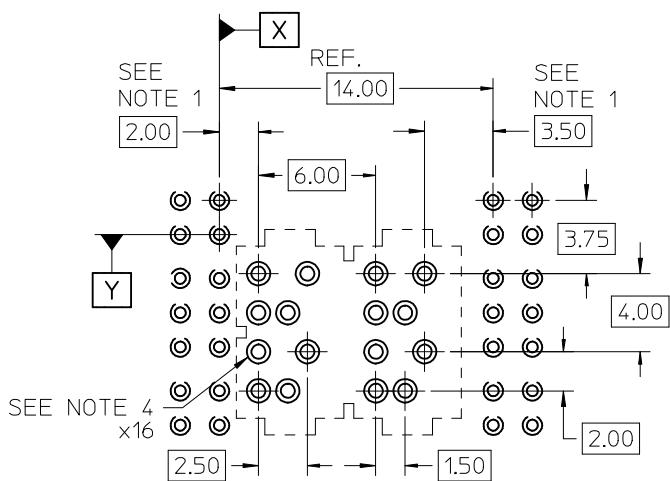
# BOARD LAYOUTS: 1.8 mm MIN. BOARD THICKNESS



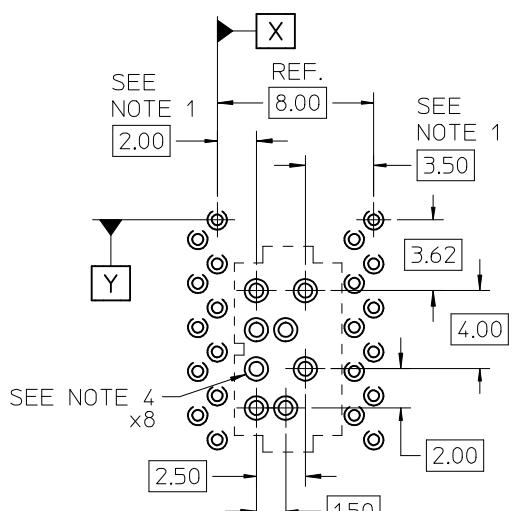
VHDM DUAL ROW POWER



VHDM-HSD SINGLE ROW POWER



VHDM-HSD DUAL ROW POWER



VHDM SINGLE ROW POWER

## NOTES:

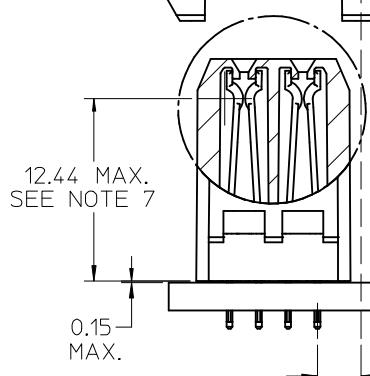
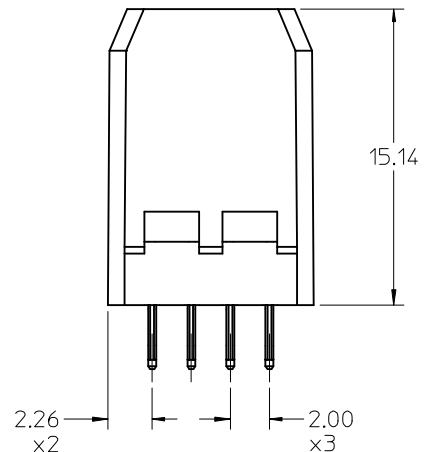
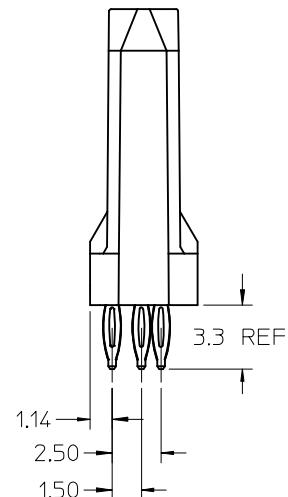
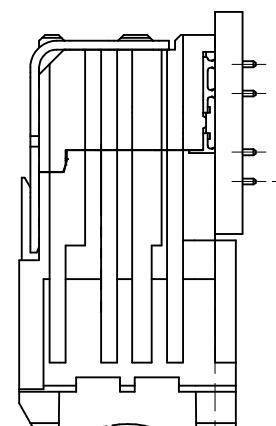
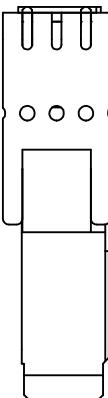
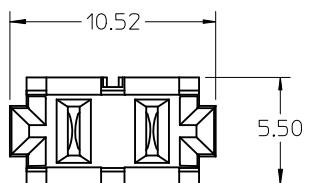
1. ADDITIONAL SPACING CAN BE ADDED IN MULTIPLES OF 2.0 mm AS REQUIRED. FOR EACH ADDITIONAL SINGLE ROW POWER, ADD 6.00 mm.
2. SIGNAL ROW A IS IN LINE WITH DATUM Y IN ALL FOUR LAYOUTS.
3. FOUR HOLES ARE USED PER POWER CONTACT.
4. EACH POWER HOLE TO BE MANUFACTURED AS FOLLOWS:  
 $\phi 0.725 \pm 0.075$  PLATED THROUGH HOLE  
 $\phi 1.20$  PAD  
 $\phi 0.838$  DRILL  
 $\oplus 0.10 | X | Y$

SEE SHEET 1		EC NO: UGP2014-2587 2013/12/17	DRAWN BY JJONIAK 2005/08/09	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
REV	DESCRIPTION					
B	CHKD:MMOLE APPR:SMILLER 2013/12/19	$\nabla = 0$	4 PLACES $\pm \text{---}$ $\pm \text{---}$			
		$\nabla = 0$	3 PLACES $\pm \text{---}$ $\pm \text{---}$			
		$\nabla = 0$	2 PLACES $\pm 0.13$ $\pm \text{---}$			
		$\nabla = 0$	1 PLACE $\pm 0.25$ $\pm \text{---}$			
		$\nabla = 0$	0 PLACE $\pm \text{---}$ $\pm \text{---}$			
			ANGULAR $\pm 5^\circ$			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
			SEE CHART			
			SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
					SD-75888-006	SHEET NO. 3 OF 3

10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 |

## NOTES:

1. MATERIALS:
  - HOUSING - LIQUID CRYSTAL POLYMER (LCP),  
UL94 V-0, COLOR: BLACK.
  - TERMINAL - COPPER ALLOY
2. FINISH: 30  $\mu$  IN MIN. GOLD ON MATING SURFACE,  
MATTE TIN ON TAILS; NICKEL UNDERPLATE.
3. FINISH: 50  $\mu$  IN MIN. GOLD ON MATING SURFACE,  
MATTE TIN ON TAILS; NICKEL UNDERPLATE.
4. THIS PART CONFORMS TO PRODUCT SPECIFICATION  
PS-74031-999.
5. SINGLE ROW ASSEMBLY PACKED PER PK-70873
6. MATES WITH 75885 SERIES DAUGHTERCARD PO
7. MATING INTERFACE MEASURED FROM BOTTOM O



## SINGLE ROW ASSEMBLY

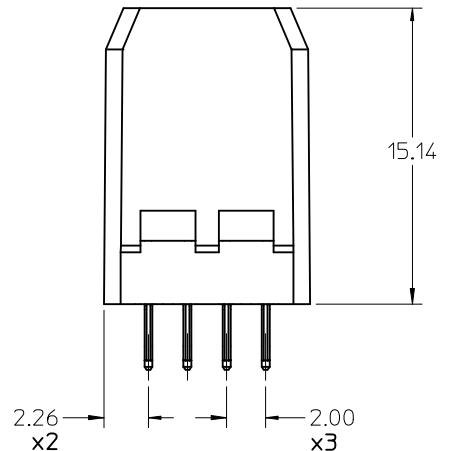
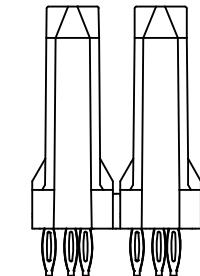
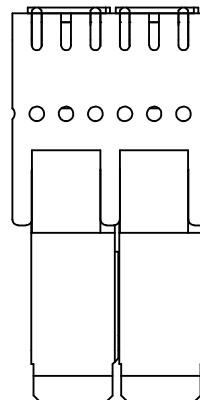
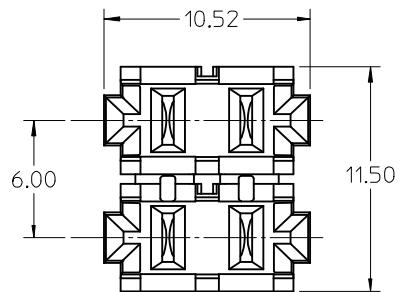
MOLEX P/N	GOLD THICKNESS
75888-6000	30uin
75888-6050	50uin

ADD GEN. TOLERANCE		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
EC NO: UCP2014-2587	2013/12/17	mm	INCH	DRAWN BY J JONIAK	DATE 2005/08/09	TITLE VHDM/HSD POWER 6 ROW BACKPLANE LEAD FREE SALES ASSEMBLY		
DRWNSYANG01	2013/12/17	4 PLACES $\pm$ ---						
CHKD:MWOLFE	2013/12/17	3 PLACES $\pm$ ---		CHECKED BY J JONIAK			DATE 2005/08/09	
APPR:SMILLER	2013/12/19	2 PLACES $\pm$ 0.13		APPROVED BY J JONIAK			DATE 2005/08/09	
		1 PLACE $\pm$ 0.25						
		0 PLACE $\pm$ ---						
ANGULAR $\pm$ 5 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO. SEE CHART	DOCUMENT NO. SD-75888-006		SHEET NO. 1 OF 3	
REV B		SIZE B 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 |

## NOTES:

1. THIS DESIGN INTENDED AS OPTION TO HAVING TWO SINGLE ROW MODULES NEXT TO EACH OTHER.
2. FINISH: 30  $\mu$  IN GOLD ON MATING SURFACE; MATTE TIN ON TAILS; NICKEL UNDERPLATE.
3. FINISH: 50  $\mu$  IN GOLD ON MATING SURFACE; MATTE TIN ON TAILS; NICKEL UNDERPLATE.
4. DUAL ROW ASSEMBLIES PACKED PER PK-70873-545.

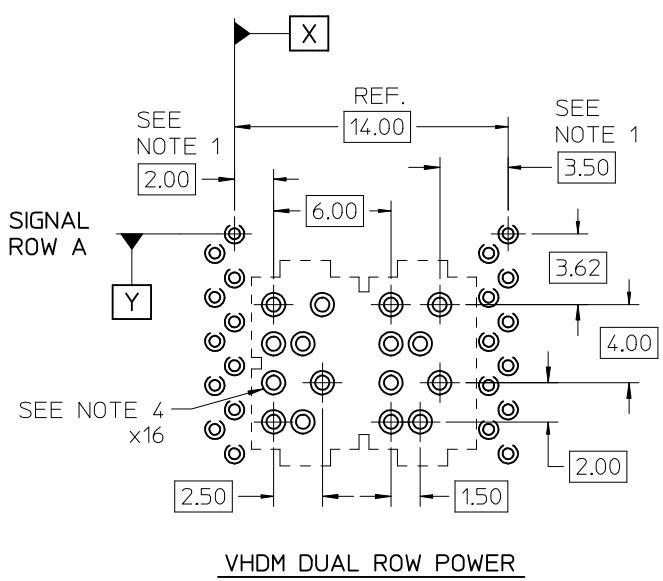


## DUAL ROW ASSEMBLY

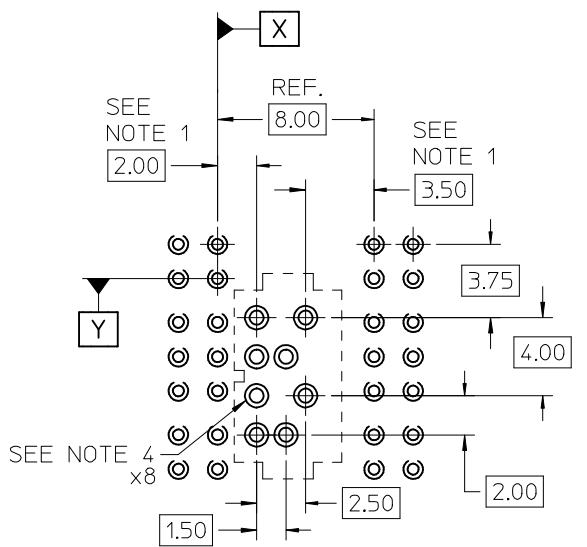
MOLEX P/N	CONTACT PLATING
75888-6002	SEE NOTE 2.
75888-6052	SEE NOTE 3.

SEE SHEET 1 EC NO.: UCP2014-2587 DRWNR: SYANG01 CHKD: MOLFE APPR: SMILLER	DESCRIPTION 2013/12/17 2013/12/17 2013/12/19	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 J JONIAK	DATE 2005/08/09	TITLE	VHDM/HSD POWER 6 ROW BACKPLANE LEAD FREE SALES ASSEMBLY	
4 PLACES $\pm$ ---			$\pm$ ---		CHECKED BY J JONIAK			APPROVED BY J JONIAK	DATE 2005/08/09
3 PLACES $\pm$ ---			$\pm$ ---		DATE				
2 PLACES $\pm$ 0.13			$\pm$ ---		DATE				
1 PLACE $\pm$ 0.25			$\pm$ ---		DATE				
0 PLACE $\pm$			$\pm$		DATE				
ANGULAR $\pm$ 5°			DRAFT WHERE APPLICABLE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
MUST REMAIN WITHIN DIMENSIONS			SEE CHART				SD-75888-006		2 OF 3
			SIZE 	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

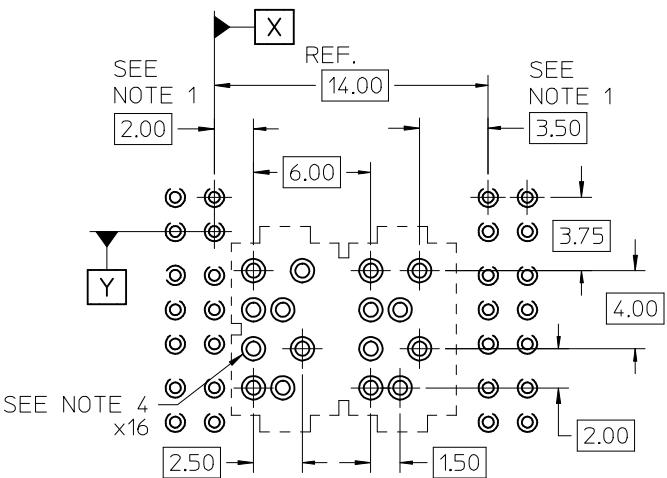
## BOARD LAYOUTS: 1.8 mm MIN. BOARD THICKNESS



## VHDM DUAL ROW POWER



VHDM-HSD SINGLE ROW POWER



## VHDM-HSD DUAL ROW POWER

## 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

SEE SHEET 1 EC NO: UCP2014-2587 DRAWN:SYANG01 CHKD:MWOLFE APPR:SMILLER	DESCRIPTION QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		mm	INCH	DRAWN BY JJONIAK	DATE 2005/08/09	TITLE VHDM/HSD POWER 6 ROW BACKPLANE				
		4 PLACES	± ---	CHECKED BY JJONIAK	DATE 2005/08/09	LEAD FREE SALES ASSEMBLY				
		3 PLACES	± ---	APPROVED BY JJONIAK	DATE 2005/08/09					
		2 PLACES	± 0.13							
		1 PLACE	± 0.25							
		0 PLACE	±							
ANGULAR ± 5° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-75888-006		SHEET NO. 3 OF 3				
B	REV	SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
6		5		4		3		2		1