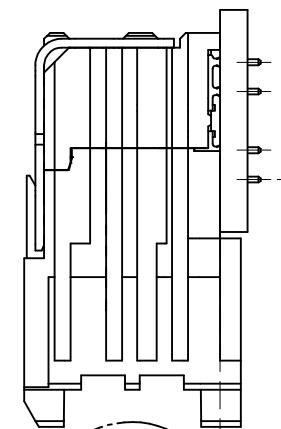
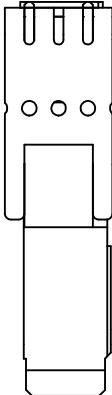
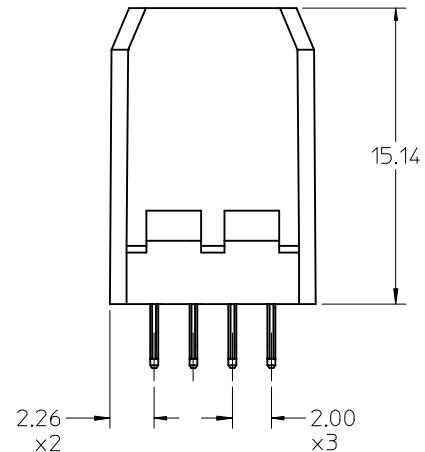
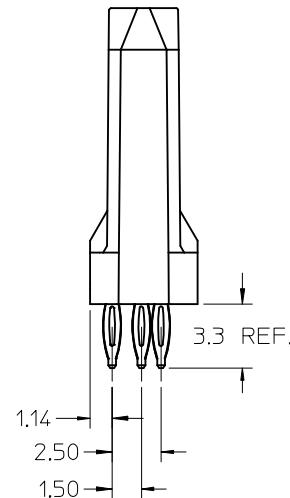


10 9 8 7 6 5 4 3 2 1

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.



12.44 MAX.  
SEE NOTE 7

0.15  
MAX.

2.96

SINGLE ROW ASSEMBLY

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

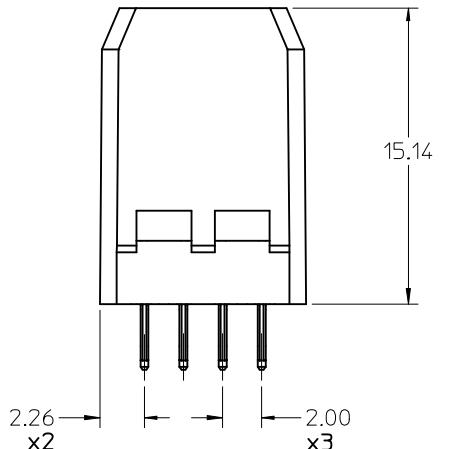
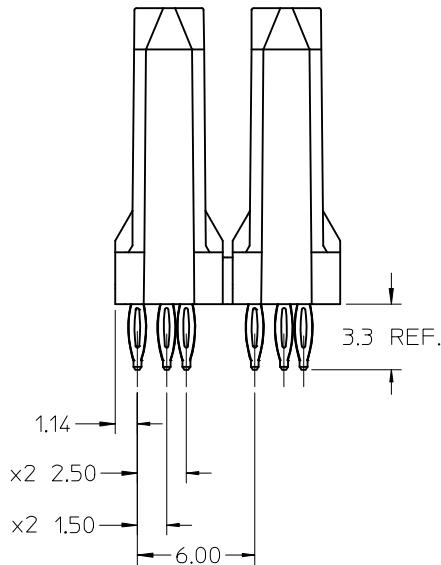
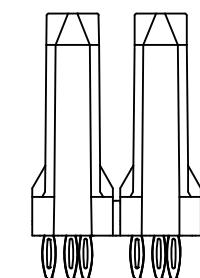
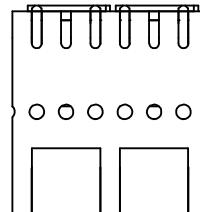
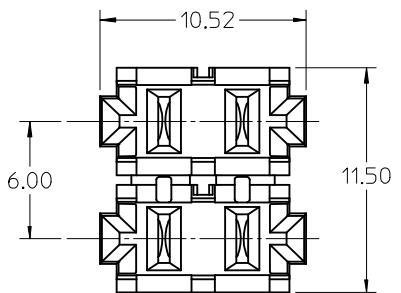
ADD GEN. TOLERANCE	EC NO: UCP2014-2587	DRWNSN:AN01	CHKD:MMOLFE	APPR:SMILLER	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
						mm	INCH				
B	2013/12/17	2013/12/17	2013/12/17	2013/12/17	✓/0	4 PLACES	±---	±---	J JONIAK 2005/08/09		
					✓/0	3 PLACES	±---	±---			
					✓/0	2 PLACES	± 0.13	±---	J JONIAK 2005/08/09		
					✓/0	1 PLACE	± 0.25	±---			
					✓/0	0 PLACE	±	±	J JONIAK 2005/08/09		
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR $\pm 5^\circ$			
						SEE CHART		MATERIAL NO.			
						SIZE B THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DOCUMENT NO.	SD-75888-006		
						SHEET NO. 1 OF 3					

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

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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.

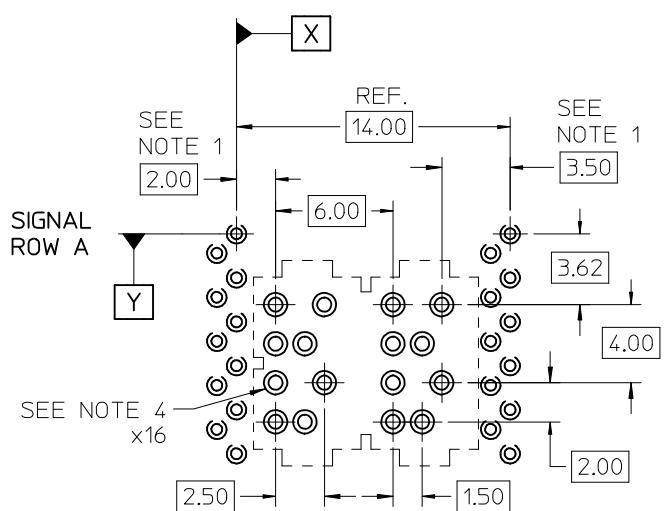


MOLEX P/N	CONTACT PLATING
75888-6002	SEE NOTE 2.
75888-6052	SEE NOTE 3.

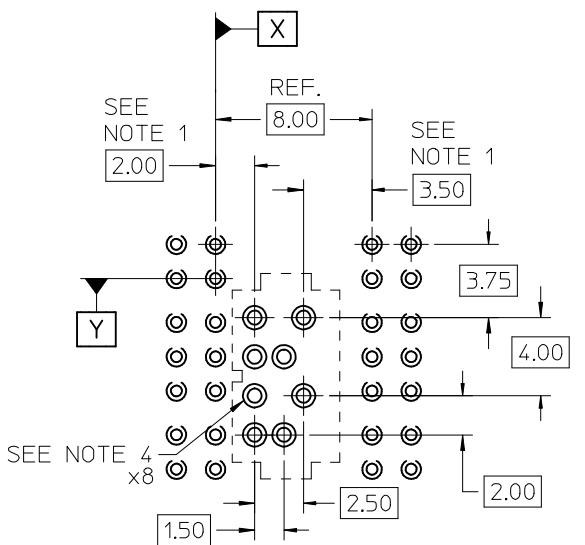
SEE SHEET 1		EC NO: UCP2014-2587 DRWNSIANG01 CHKD:MWOLFE APPR:SMILLER REV: B	QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY JJONIAK DATE 2005/08/09	CHECKED BY JJONIAK DATE 2005/08/09	APPROVED BY JJONIAK DATE 2005/08/09	DIMENSION STYLE MM ONLY	SCALE 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	SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SHEET NO. 2 OF 3						

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

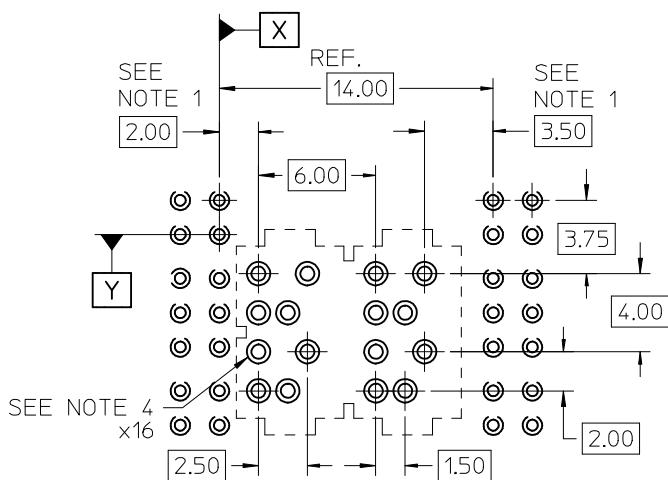
# BOARD LAYOUTS: 1.8 mm MIN. BOARD THICKNESS



VHDM DUAL ROW POWER



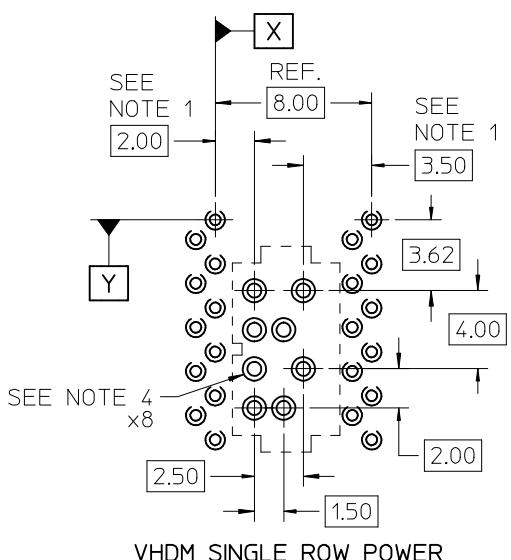
VHDM-HSD SINGLE ROW POWER



VHDM-HSD DUAL ROW POWER

## 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  
 $\oplus 0.10 | X | Y$



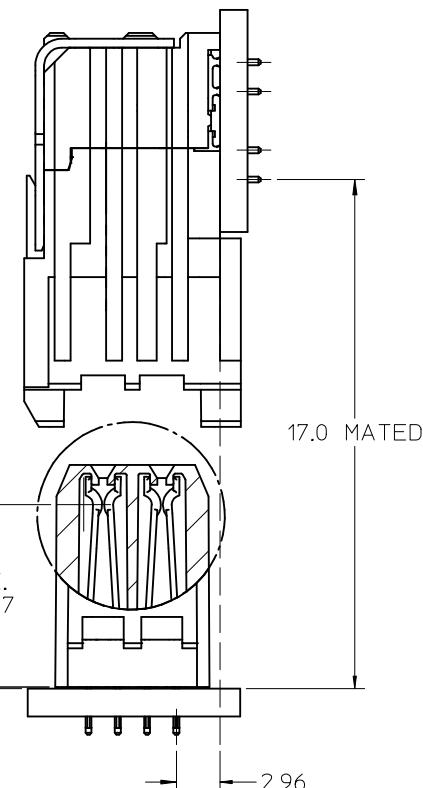
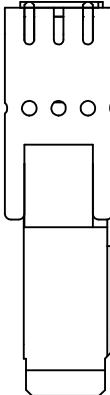
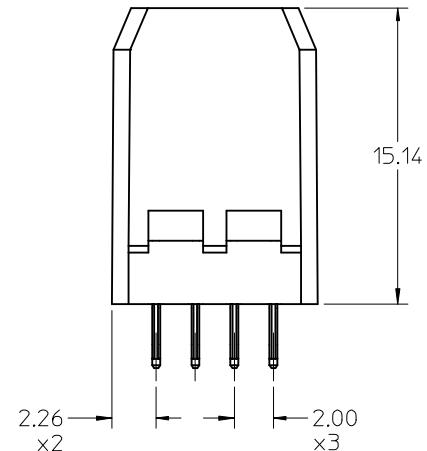
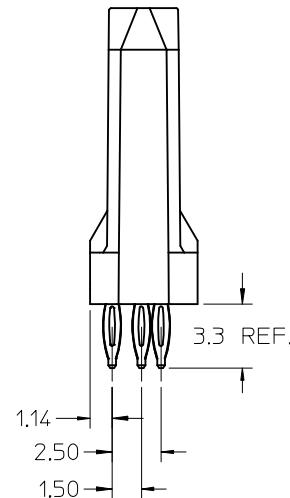
VHDM SINGLE ROW POWER

SEE SHEET 1		EC NO: UGP2014-2587 2013/12/17 DRWNSIANG01 2013/12/17 CHKD:AMOLLE 2013/12/19 APPR:SMILLER B	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY JJONIAK 2005/08/09	CHECKED BY JJONIAK 2005/08/09	APPROVED BY JJONIAK 2005/08/09	SCALE 4:1	DESIGN UNITS METRIC	TITLE VHDM/HSD POWER 6 ROW BACKPLANE LEAD FREE SALES ASSEMBLY
REV	REV				mm	INCH						
				$\nabla = 0$	4 PLACES	$\pm \text{---}$	$\pm \text{---}$	JJONIAK	2005/08/09			
				$\nabla = 0$	3 PLACES	$\pm \text{---}$	$\pm \text{---}$					
				$\nabla = 0$	2 PLACES	$\pm 0.13$	$\pm \text{---}$	JJONIAK	2005/08/09			
				$\nabla = 0$	1 PLACE	$\pm 0.25$	$\pm \text{---}$					
				$\nabla = 0$	0 PLACE	$\pm$	$\pm$	JJONIAK	2005/08/09			
					ANGULAR $\pm 5^\circ$							
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
					MATERIAL NO.							
					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 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

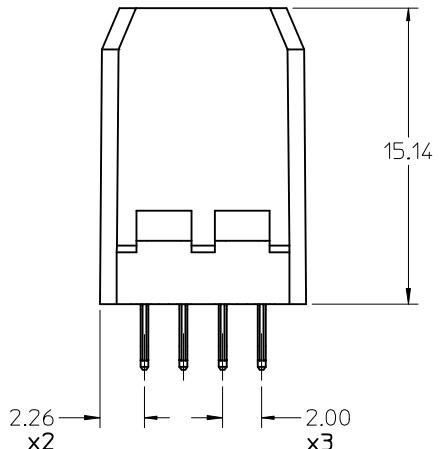
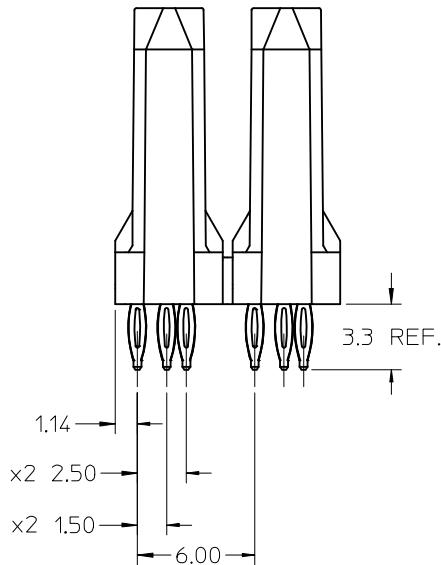
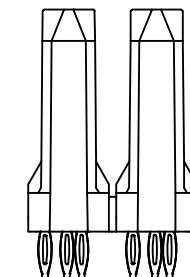
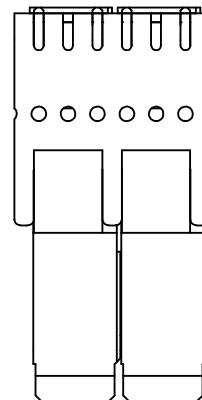
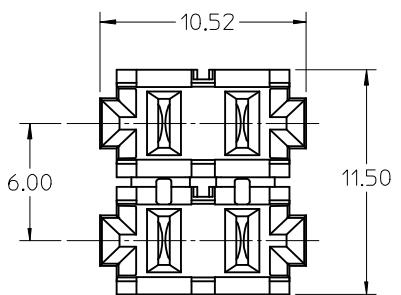
ADD GEN. TOLERANCE	EC NO: UCP2014-2587	DRWNSN:AN01	CHKD:MMOLFE	APPR:SMILLER	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
							mm	INCH				
B	2013/12/17	2013/12/17	2013/12/17	2013/12/17		FE=0	4 PLACES	$\pm$ ---	$\pm$ ---	J JONIAK 2005/08/09		
						FE=0	3 PLACES	$\pm$ ---	$\pm$ ---			
						FE=0	2 PLACES	$\pm$ 0.13	$\pm$ ---	J JONIAK 2005/08/09		
						FE=0	1 PLACE	$\pm$ 0.25	$\pm$ ---			
						FE=0	0 PLACE	$\pm$	$\pm$	J JONIAK 2005/08/09		
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR $\pm$ 5°			
							SEE CHART		MATERIAL NO.			
							SIZE B THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX B INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DOCUMENT NO.	SD-75888-006		
							SHEET NO. 1 OF 3					

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

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NOTES:

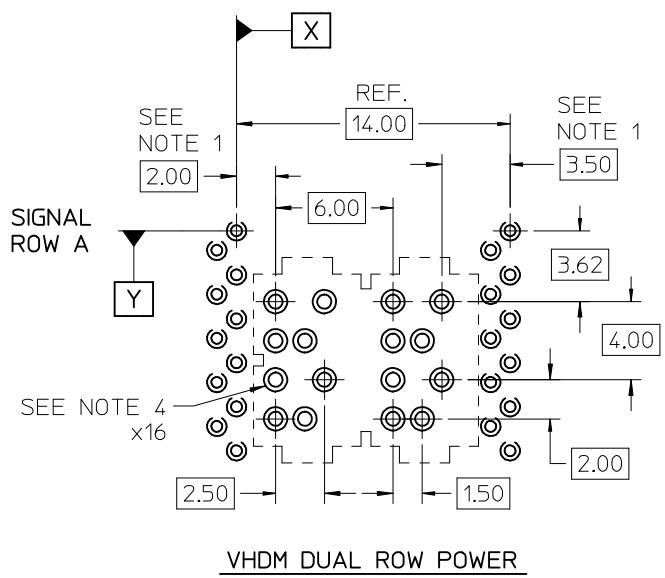
1. THIS DESIGN INTENDED AS OPTION TO HAVING TWO SINGLE ROW MODULES NEXT TO EACH OTHER.
2. FINISH:  $30 \mu$  IN GOLD ON MATING SURFACE; MATTE TIN ON TAILS; NICKEL UNDERPLATE.
3. FINISH:  $50 \mu$  IN GOLD ON MATING SURFACE; MATTE TIN ON TAILS; NICKEL UNDERPLATE.
4. DUAL ROW ASSEMBLIES PACKED PER PK-70873-545.



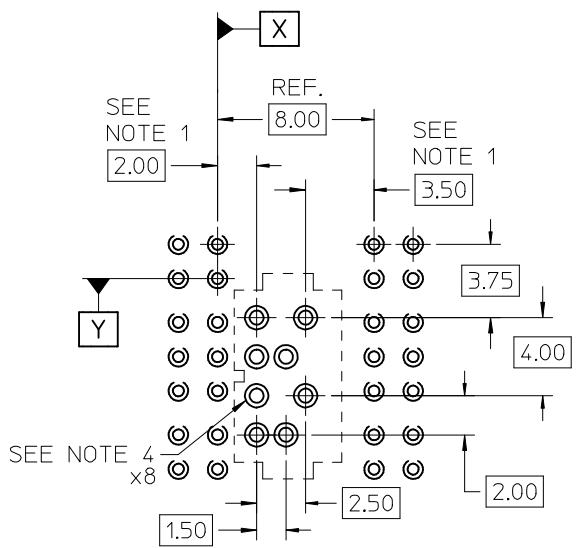
MOLEX P/N	CONTACT PLATING
75888-6002	SEE NOTE 2.
75888-6052	SEE NOTE 3.

SEE SHEET 1		EC NO: UCP2014-2587 DRWNSIANG01 CHKD:MWOLFE 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	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 APPROPRIATE MUST REMAIN WITHIN DIMENSIONS											
SEE CHART		MATERIAL NO. SD-75888-006	DOCUMENT NO. SD-75888-006	SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
						SHEET NO. 2 OF 3					

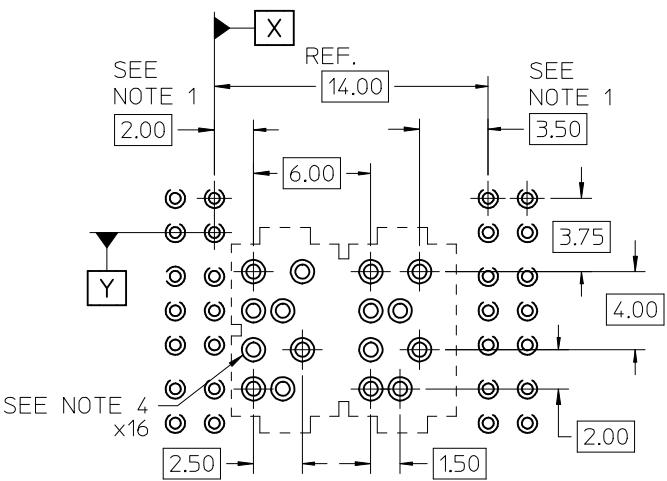
## BOARD LAYOUTS: 1.8 mm MIN. BOARD THICKNESS



## 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 BY: VANG01 CHKD BY: MWOLFE APPR BY: RSMILLER		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
DESCRIPTION REV: B		mm	INCH	DRAWN BY JJONIAK	DATE 2005/08/09	TITLE VHDM/HSD POWER 6 ROW BACKPLANE LEAD FREE SALES ASSEMBLY			
		4 PLACES	$\pm$ ---	$\pm$ ---	CHECKED BY JJONIAK		DATE 2005/08/09		
		3 PLACES	$\pm$ ---	$\pm$ ---	APPROVED BY JJONIAK		DATE 2005/08/09		
		2 PLACES	$\pm$ 0.13	$\pm$ ---	JJONIAK		JJONIAK		
		1 PLACE	$\pm$ 0.25	$\pm$ ---	JJONIAK		JJONIAK		
		0 PLACE	$\pm$	$\pm$	JJONIAK		JJONIAK		
ANGULAR $\pm$ 5° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO. SEE CHART	DOCUMENT NO. SD-75888-006	SHEET NO. 3 OF 3			
				SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				