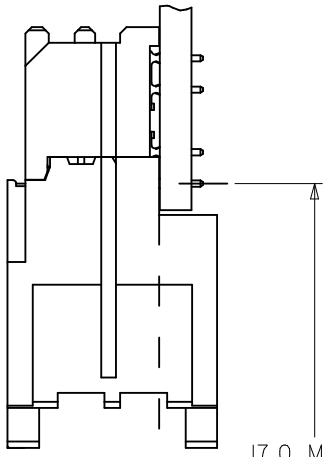
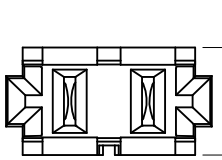
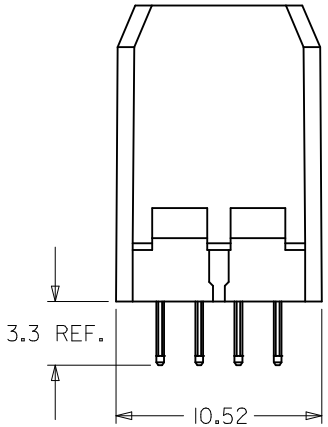
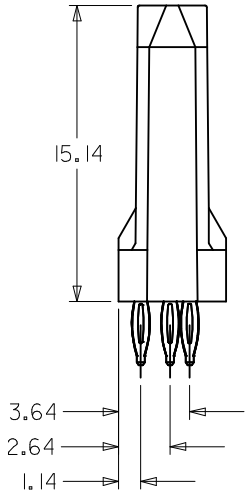
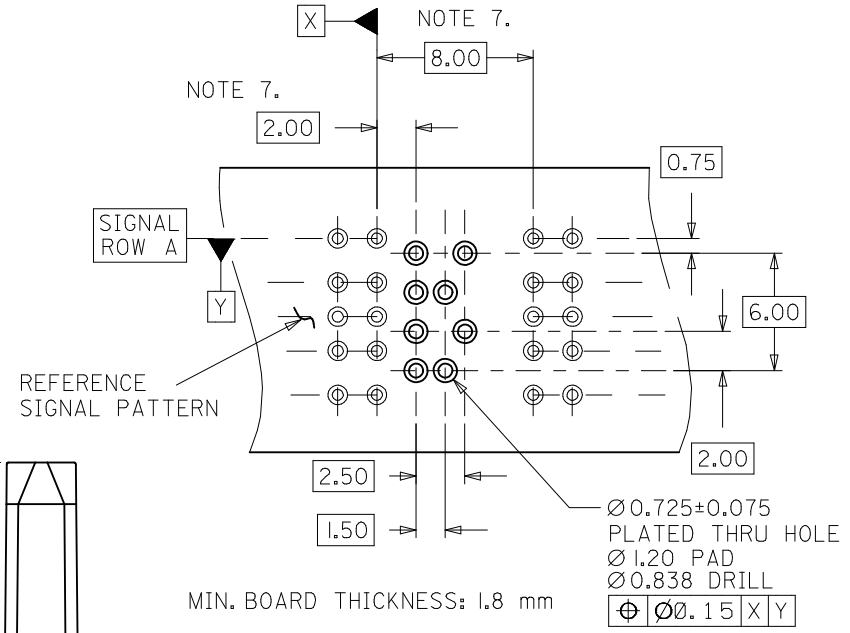
ASSEMBLY #	CONTACT PLATING
74029-6000	SEE NOTE 2.
74029-6050	SEE NOTE 3.

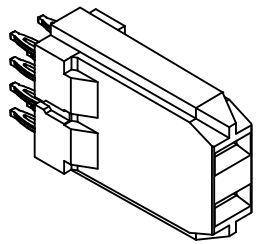












THE PRIMARY CARTON WITH A LABEL STATING "ELV AND RoHS COMPLIANT" IS LEAD FREE. CARTONS WITHOUT THIS LABEL MAY CONTAIN LEAD.

NOTES:
1. MATERIALS: HOUSING - GLASS FILLED LIQUID CRYSTAL POLYMER, UL 94V-0, BLACK; TERMINAL - COPPER ALLOY.
2. FINISH: SELECT GOLD IN CONTACT AREA, 30 microINCH THICK; MATTE TIN IN COMPLIANT AREA.
3. FINISH: SELECT GOLD IN CONTACT AREA, 50 microINCH THICK; MATTE TIN IN COMPLIANT AREA.
4. USE 6.0 mm NOMINAL FOR BACKPLANE LAYOUT.
5. DIMENSION IS MEASURED FROM BOTTOM OF HOUSING.
6. PACKED PER PK-70873-0876.
7. THIS DIMENSION TO BE MULTIPLE OF 2.00 mm AS REQUIRED.

LEAD FREE CONVERSION
EC NO: DRWN:RWHIPPLE 2012/12/07 CHKD:MWOLFE 2012/12/07 APPR:SMILLER 2012/12/17 DESCRIPTION
B REV

QUALITY SYMBOLS
FA=0
FC=0
FP=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: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	RWHIPPLE	2012/12/07
CHECKED BY	MWOLFE	2012/12/10
APPROVED BY	SMILLER	2012/12/17

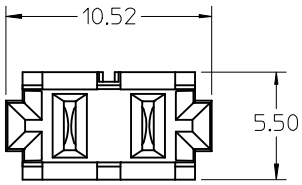
TITLE: HSD POWER 5 ROW BACKPLANE SALES ASSEMBLY

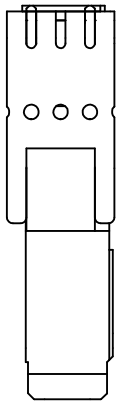
molex

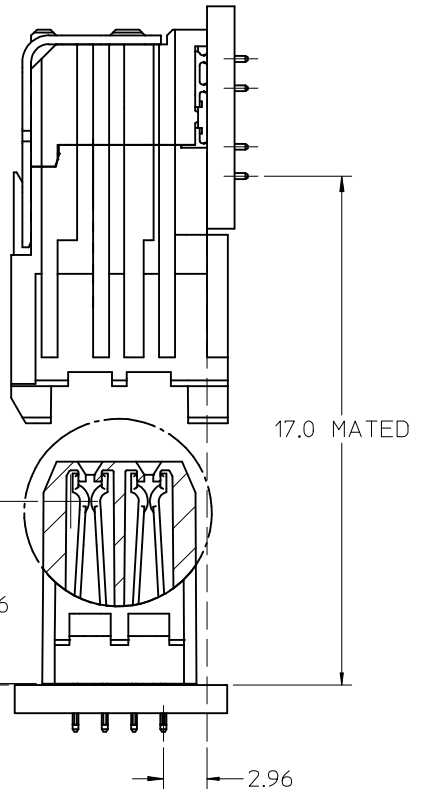
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-74029-006
SHEET NO.: 1 OF 1
SIZE: B

NOTES:

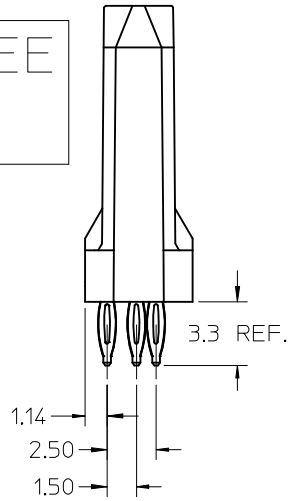
1. MATERIALS:
   HOUSING - LIQUID CRYSTAL POLYMER (LCP),
   UL94 V-0, COLOR: BLACK.
   TERMINAL - COPPER ALLOY
2. FINISH: SELECTIVE GOLD ON MATING SURFACE;
   MATTE TIN ON TAILS; NICKEL UNDERPLATE.
3. THIS PART CONFORMS TO PRODUCT SPECIFICATION
   PS-74031-999.
4. SINGLE ROW ASSEMBLY PACKAGED PER PK-70873-0876.
5. MATES WITH 74026 SERIES DAUGHTERCARD POWER ASSEMBLY.
6. MATING INTERFACE MEASURED FROM BOTTOM OF HOUSING.

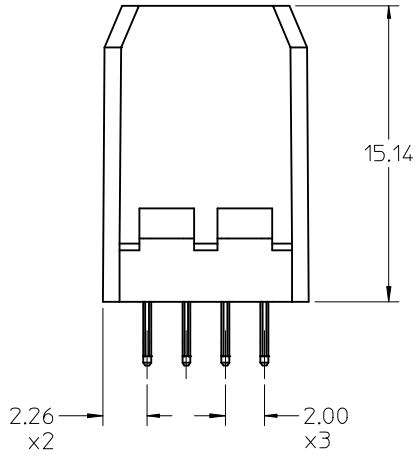


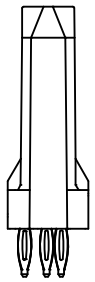




LEAD-FREE PLATING







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
DRWN:SVANG01 2012/07/12
CH'KD:MWOLFE
APPR:SMILLER 2012/08/06
DESCRIPTION
REV E

QUALITY SYMBOLS
$\overline{F_A}$=0
$\overline{F_C}$=0
$\overline{F_P}$=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
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	ELO	2003/07/14
CHECKED BY	STANFORD	2003/07/17
APPROVED BY	BIXLER	2003/07/21

MATERIAL NO.: SEE TABLE

SINGLE ROW ASSEMBLY

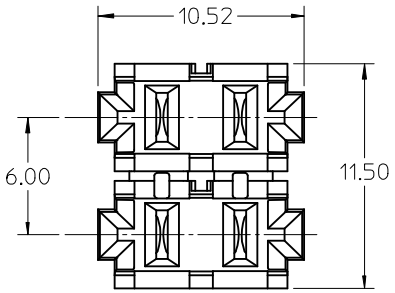
TITLE: VHDM/HSD POWER 6 ROW BACKPLANE SALES DRAWING

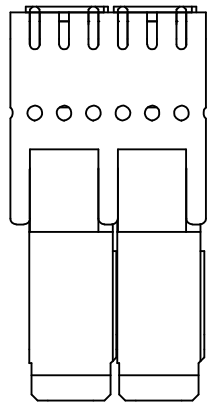
molex

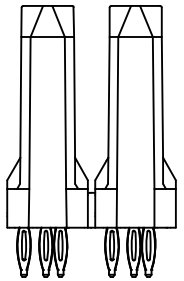
DOCUMENT NO.: SD-74029-011
SHEET NO.: 1 OF 3

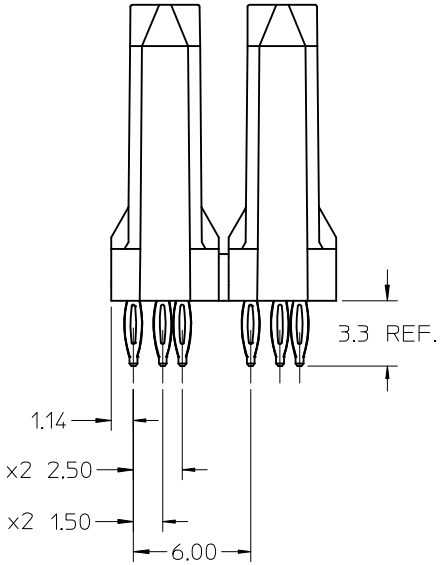
SIZE B

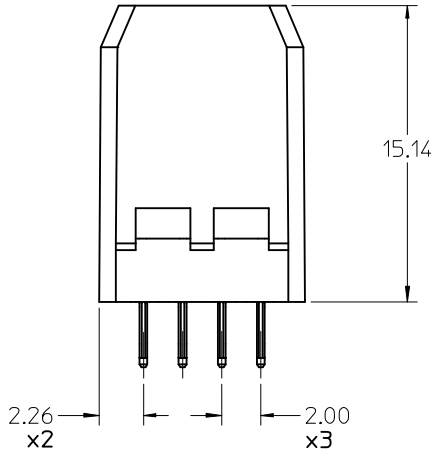
NOTES:
1. THIS DESIGN INTENDED AS OPTION TO HAVING TWO SINGLE ROW MODULES NEXT TO EACH OTHER.
2. FINISH: SELECTIVE GOLD ON MATING SURFACE; TIN/LEAD OR MATTE TIN ON TAILS; NICKEL UNDERPLATE.
3. DUAL ROW ASSEMBLIES PACKED PER PK-70873-545.











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 2012/07/12
DRWN:SVANG01 2012/07/12
CHKD:MWOLFE
APPR:SMILLER 2012/08/06
DESCRIPTION
REV E

QUALITY SYMBOLS
$\frac{E}{A}$=0
$\frac{E}{C}$=0
$\frac{E}{P}$=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
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: ELO DATE: 2003/07/14
CHECKED BY: STANFORD DATE: 2003/07/17
APPROVED BY: BIXLER DATE: 2003/07/21
MATERIAL NO.: SEE TABLE

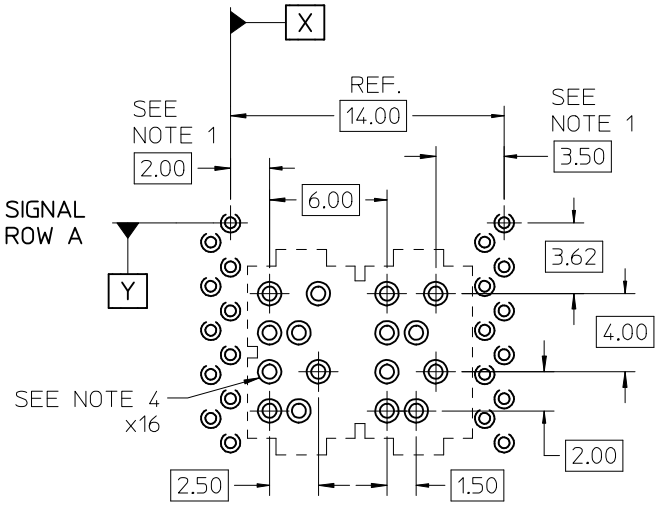
TITLE: VHDM/HSD POWER 6 ROW BACKPLANE SALES DRAWING

molex

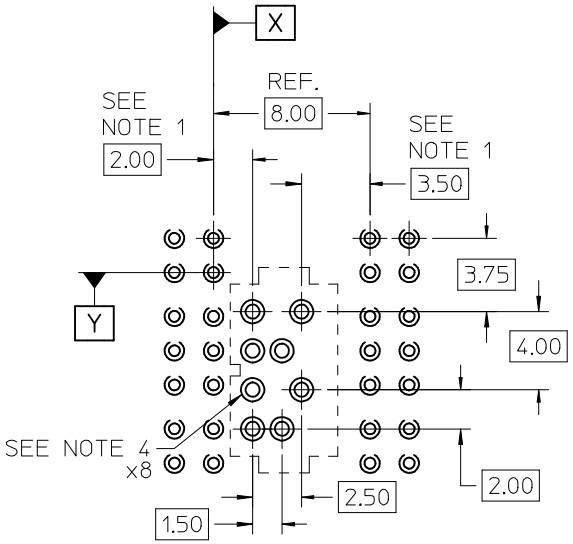
DOCUMENT NO.: SD-74029-011
SHEET NO.: 2 OF 3

SIZE B

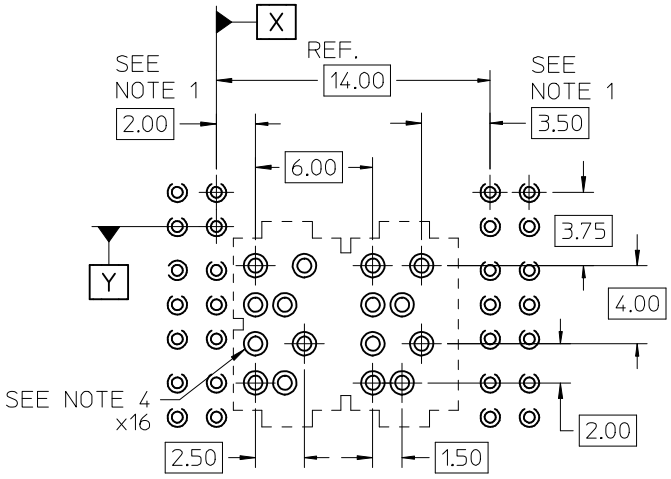
BOARD LAYOUTS: 1.8 mm MIN. BOARD THICKNESS



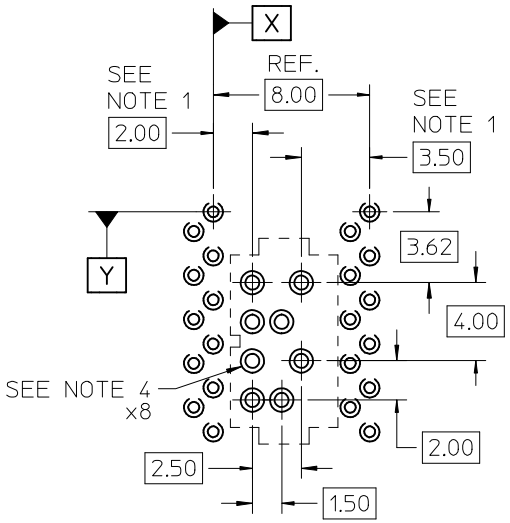
VHDM DUAL ROW POWER



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
   ⌖ 0.10 X Y

SEE SHEET 1
EC NO: UCP2013-0146 2012/07/12
DRWN:SVANG01 2012/07/12
CHKD:MWOLFE
APPR:SMILLER 2012/08/06
DESCRIPTION
REV
E

QUALITY SYMBOLS
F_A=0
F_C=0
F_P=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
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	ELO	2003/07/14
CHECKED BY	STANFORD	2003/07/17
APPROVED BY	BIXLER	2003/07/21

TITLE: VHDM/HSD POWER 6 ROW BACKPLANE SALES DRAWING

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-74029-011
SHEET NO.: 3 OF 3
SIZE: B