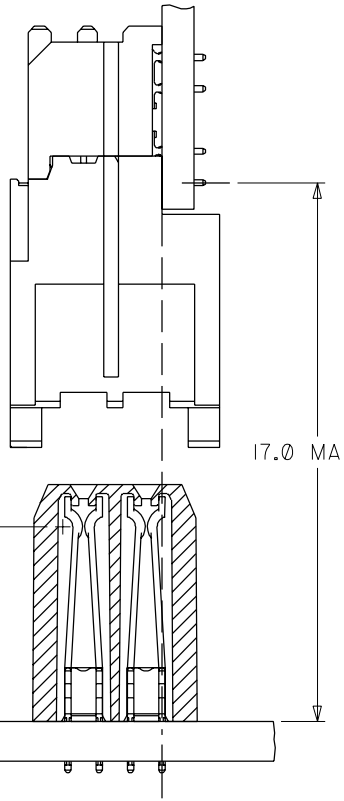
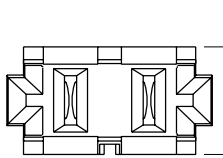
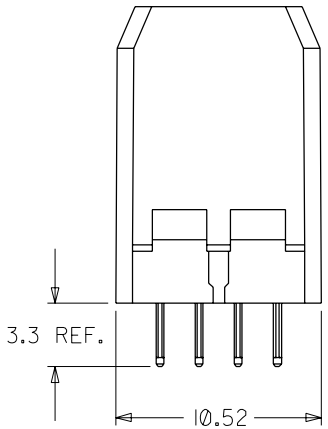
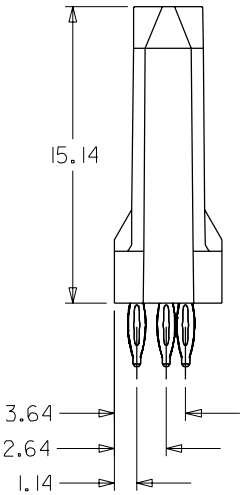
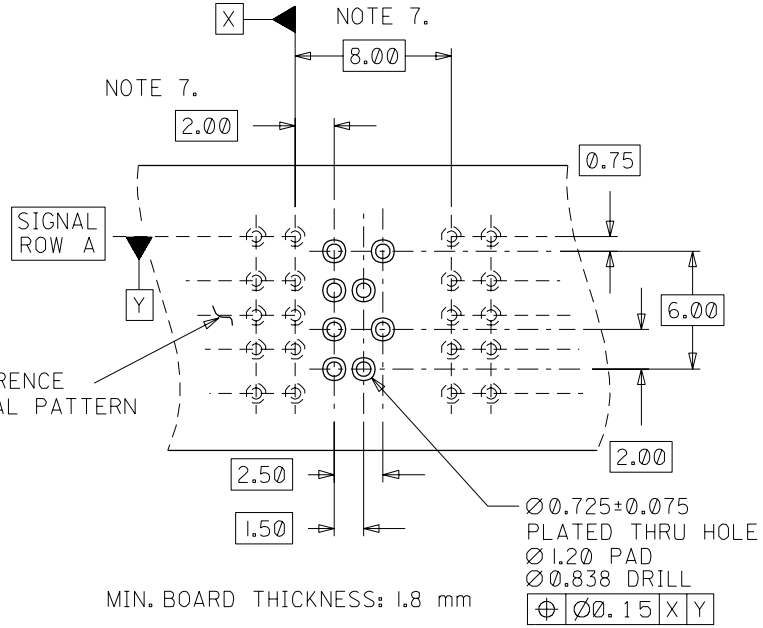
ASSEMBLY #	CONTACT PLATING
74029-6000	SEE NOTE 2.
74029-6050	SEE NOTE 3.

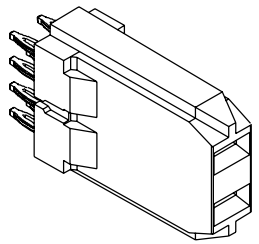












NOTES:
1. MATERIALS: HOUSING - GLASS FILLED LIQUID CRYSTAL POLYMER, UL 94V-0, BLACK; TERMINAL - COPPER ALLOY.
2. FINISH: SELECT GOLD IN CONTACT AREA, 30 microINCH THICK; TIN/LEAD IN COMPLIANT AREA.
3. FINISH: SELECT GOLD IN CONTACT AREA, 50 microINCH THICK; TIN/LEAD IN COMPLIANT AREA.
4. USE 6.0 mm NOMINAL 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.

REV	DESCRIPTION	EC NO.	DRWN	CHK	APPR	DATE
A	INITIAL RELEASE	UDT200 I-0940	ELO	GORSKI	BIXLER	01/05/02 01/05/03 01/05/07

QUALITY SYMBOLS
MAJOR ▼ = Ø
CRITICAL (C) = Ø

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±Ø.	±.
3 PLACES	±Ø.	±.
2 PLACES	±Ø.	±.
1 PLACE	±Ø.	±.
ANGULAR: ±	°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 4 : 1
DESIGN UNITS ☒mm ☐INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY
SHT REV
REVISE ON CAD ONLY

DRAWN BY & DATE: ELO 01/50/02
CHECKED BY & DATE: GORSKI 01/05/03
APPROVED BY & DATE: BIXLER 01/05/07
CAD FILENAME: SD-74029-006.S01

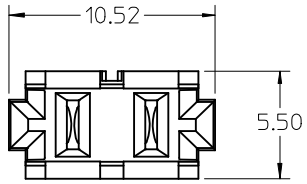
TITLE: HSD POWER 5 ROW BACKPLANE SALES ASSEMBLY

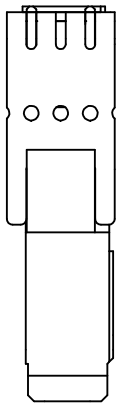
molex MOLEX INCORPORATED

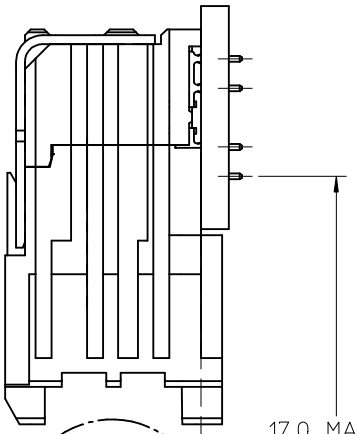
MATERIAL NO.: SEE CHART
DRAWING NO.: SD-74029-006
SHEET NO.: 1 OF 1
SIZE: B

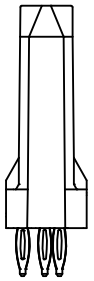
NOTES:

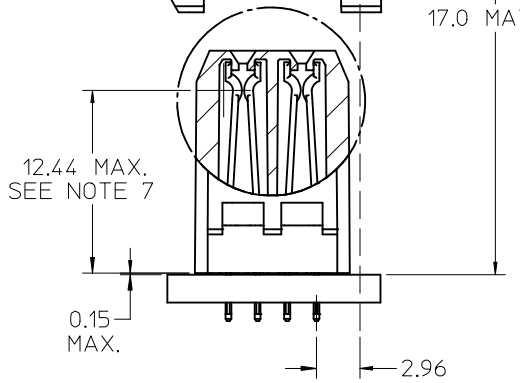
1. MATERIALS:
   HOUSING - LIQUID CRYSTAL POLYMER (LCP),
   UL94 V-0, COLOR: BLACK.
   TERMINAL - COPPER ALLOY
2. FINISH: 30 μ IN MIN. GOLD ON MATING SURFACE;
   TIN/LEAD ON TAILS; NICKEL UNDERPLATE.
3. FINISH: 50 μ IN MIN. GOLD ON MATING SURFACE;
   TIN/LEAD ON TAILS; NICKEL UNDERPLATE.
4. THIS PART CONFORMS TO PRODUCT SPECIFICATION
   PS-74031-999.
5. SINGLE ROW ASSEMBLY PACKED PER PK-70873-0876.
6. MATES WITH 74026 SERIES DAUGHTERCARD POWER ASSEMBLY.
7. MATING INTERFACE MEASURED FROM BOTTOM OF HOUSING.

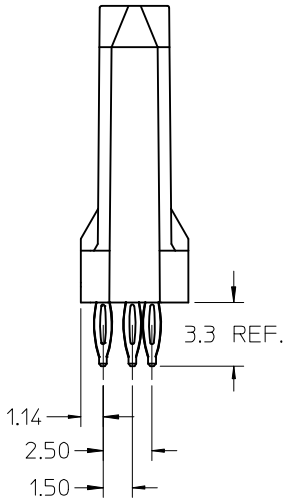


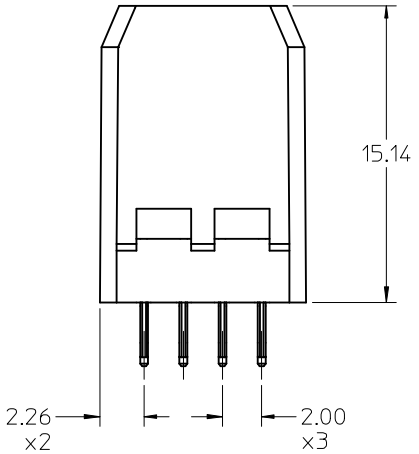












MOLEX P/N	GOLD THICKNESS
74029-6000	30uin
74029-6050	50uin

SINGLE ROW ASSEMBLY

ADD TOLERANCE
EC NO: UCP2009-3005 DRWN:BSMART 2009/06/15 CH'KD:SDANNELL 2009/06/16 APPR:SMILLER 2009/06/16
DESCRIPTION
REV D

QUALITY SYMBOLS
▼ = 0
▽ = 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---
ANGULAR ± 5 °		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

SCALE 4:1
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
REVISE ON CAD ONLY
DIMENSION STYLE MM ONLY
DRAWN BY ELO DATE 2003/07/14
CHECKED BY STANFORD DATE 2003/07/17
APPROVED BY BIXLER DATE 2003/07/21

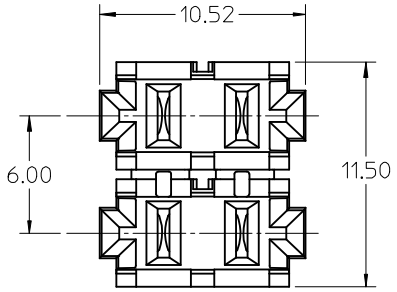
TITLE
VHDM/HSD POWER
6 ROW BACKPLANE
SALES ASSEMBLY

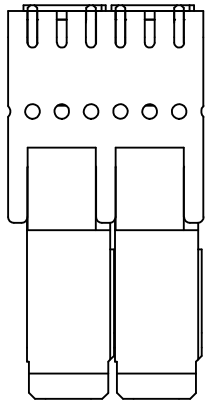
MOLEX INCORPORATED

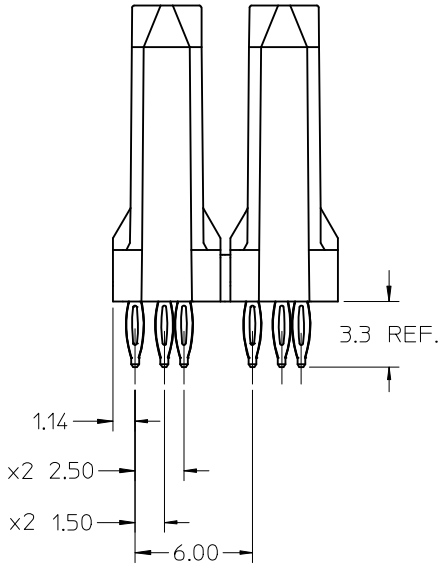
MATERIAL NO. SEE CHART
DOCUMENT NO. SD-74029-011
SHEET NO. 1 OF 3

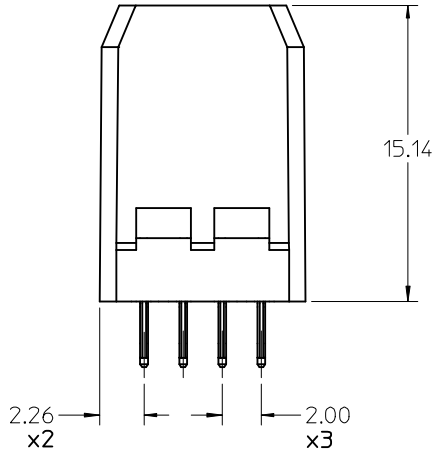
B

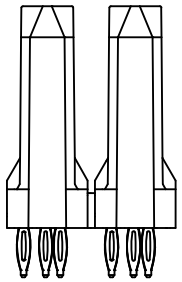
NOTES:
1. THIS DESIGN INTENDED AS OPTION TO HAVING TWO SINGLE ROW MODULES NEXT TO EACH OTHER.
2. FINISH: 30 μ IN GOLD ON MATING SURFACE; TIN/LEAD ON TAILS; NICKEL UNDERPLATE.
3. FINISH: 50 μ IN GOLD ON MATING SURFACE; TIN/LEAD ON TAILS; NICKEL UNDERPLATE.
4. DUAL ROW ASSEMBLIES PACKED PER PK-70873-545.











MOLEX P/N	CONTACT PLATING
74029-6002	SEE NOTE 2.
74029-6052	SEE NOTE 3.

DUAL ROW ASSEMBLY

SEE SHEET 1
EC NO: UCP2009-3005
DRWN:BSMART 2009/06/15
CH'KD:SDANNELL 2009/06/16
APPR: SMILLER 2009/06/16
DESCRIPTION
REV D

QUALITY SYMBOLS
▼ - 0
▽ (C) - 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---

ANGULAR ± 5 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 4:1
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
REVISE ON CAD ONLY
DIMENSION STYLE MM ONLY
DRAWN BY ELO DATE 2003/07/14
CHECKED BY STANFORD DATE 2003/07/17
APPROVED BY BIXLER DATE 2003/07/21

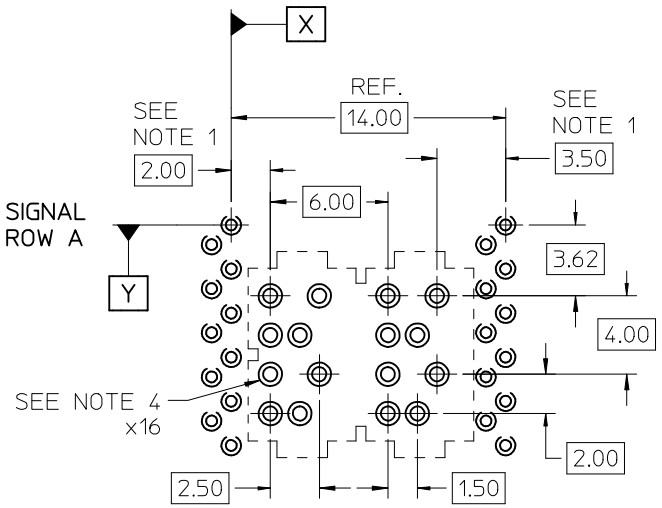
TITLE
VHDM/HSD POWER
6 ROW BACKPLANE
SALES ASSEMBLY

MOLEX INCORPORATED

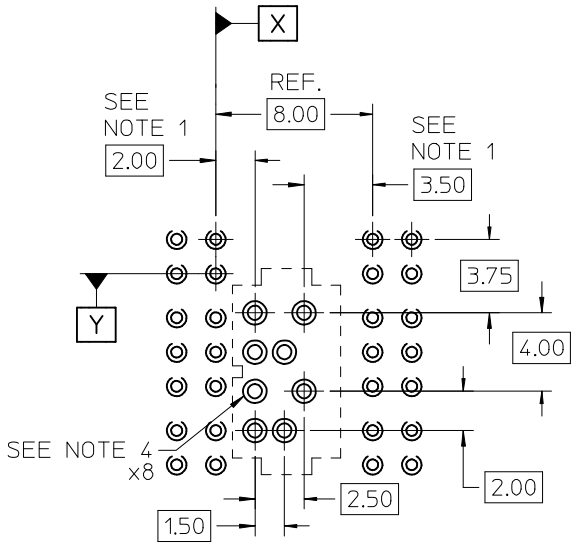
MATERIAL NO. SEE CHART
DOCUMENT NO. SD-74029-011
SHEET NO. 2 OF 3

B

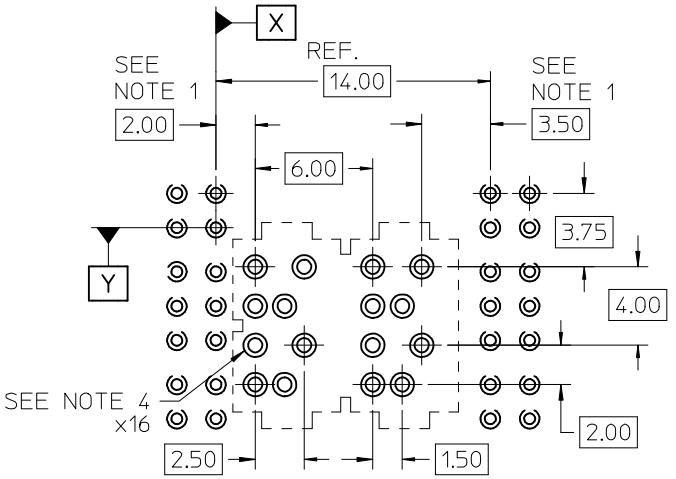
BOARD LAYOUTS: 1.8 mm MIN. BOARD THICKNESS



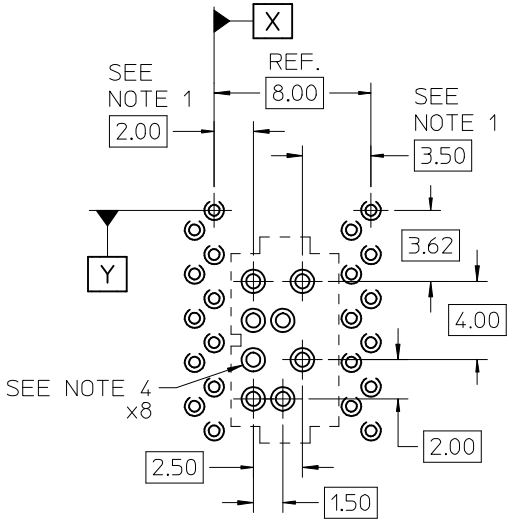
VHDM DUAL ROW POWER



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: UCP2009-3005
DRWN:BSMART 2009/06/15
CH'KD:SDANNELL 2009/06/16
APPR:SMILLER 2009/06/16
DESCRIPTION
REV
D

QUALITY SYMBOLS
▼ - 0
▽ - 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---
ANGULAR ± 5 °		

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

SCALE	4:1
DESIGN UNITS	METRIC
DIMENSION STYLE	MM ONLY
DRAWN BY	ELO
DATE	2003/07/14
CHECKED BY	STANFORD
DATE	2003/07/17
APPROVED BY	BIXLER
DATE	2003/07/21

THIRD ANGLE PROJECTION
REVISE ON CAD ONLY

TITLE
VHDM/HSD POWER
6 ROW BACKPLANE
SALES ASSEMBLY

MOLEX INCORPORATED

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE SHT 1 & 2	SD-74029-011	3 OF 3

B