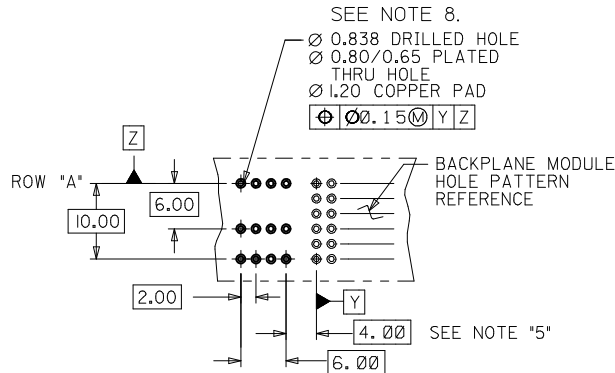
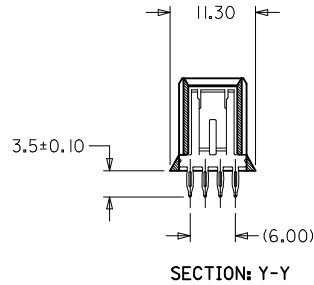
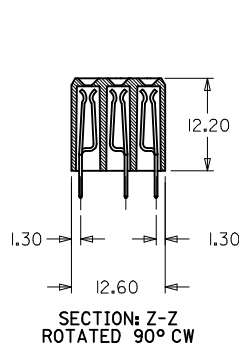
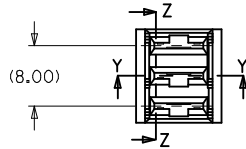
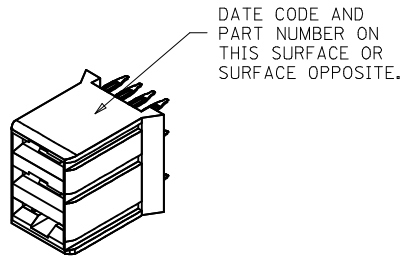


| ASSEMBLY NUMBER | FINISH |
|-----------------|-------------|
| 73656-0000 | SEE NOTE 2. |
| 73656-0001 | SEE NOTE 3. |



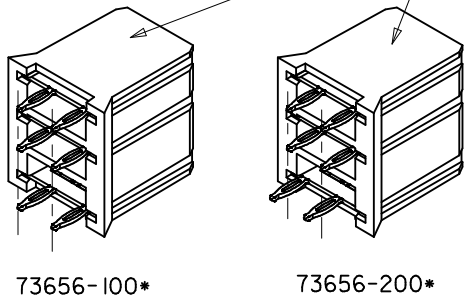
PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 2.50 MIN

NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0, COLOR: BLACK
TERMINAL - COPPER ALLOY
2. FINISH: SELECTIVE GOLD (Au) IN CONTACT AREA, 0.76 micrometer MINIMUM THICKNESS: NICKEL (Ni) AND GOLD FLASH OVERALL
3. FINISH: SELECTIVE GOLD (Au) IN CONTACT AREA, 0.76 micrometer MINIMUM THICKNESS: TIN/LEAD (Sn/Pb) OVER NICKEL (Ni) IN COMPLIANT AREA: NICKEL (Ni) OVERALL ON REMAINING WITH SELECTIVE GOLD (Au) FLASH.
4. THIS DIMENSION MUST BE A MULTIPLE OF 4.00 mm.
5. DIMENSIONS ARE IN MILLIMETERS.
6. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-73670-9999.
7. PACKAGE ASSEMBLIES PER PK-70873-0819.
8. HOLE SIZE SPECIFICATION IS FOR TIN/LEAD PLATED HOLES ONLY. FOR OTHER PLATING TYPES SEE MOLEX APPLICATION AS-73670-9996.
9. THIS PART CONFORMS TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.

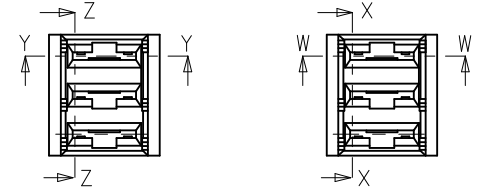
| ADD NOTES 8 & 9 EC NO: UCP2009-1813 DRWNS:DANNELLEY 2009/07/17 CHYKD:BSMART 2009/07/24 APPR:SMILLER 2009/07/24 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table> | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± --- | ± --- | 1 PLACE | ± --- | ± --- | DIMENSION STYLE MM ONLY DRAWN BY DATE ELO 1998/05/21 CHECKED BY DATE SMR 1998/05/21 APPROVED BY DATE CAB 1998/05/21 | SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION | TITLE SALES ASSY , HDM BACKPLANE POWER MODULE (PRESSFIT) MOLEX MOLEX INCORPORATED MATERIAL NO. SEE TABLE DOCUMENT NO. SDA-73656-*00* | SHEET NO. 1 OF 4 | | | | | | | |
|---|-------------------------------|--|-------|--|------|----------|-------|-------|----------|-------|-------|----------|-------|-------|----------|-------|-------|---|--|--|---|--|--|--|--|--|----------------------------|--|
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | ANGULAR ±1/2° | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | | |
| REV H | | SIZE C | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | | |
| ADD NOTES 8 & 9 EC NO: UCP2009-1813 DRWNS:DANNELLEY 2009/07/17 CHYKD:BSMART 2009/07/24 APPR:SMILLER 2009/07/24 | | QUALITY SYMBOLS ▽=0 ▽=0 | | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <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>± ---</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table> | | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± --- | ± --- | 1 PLACE | ± --- | ± --- | DIMENSION STYLE MM ONLY DRAWN BY DATE ELO 1998/05/21 CHECKED BY DATE SMR 1998/05/21 APPROVED BY DATE CAB 1998/05/21 | | SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION | | TITLE SALES ASSY , HDM BACKPLANE POWER MODULE (PRESSFIT) MOLEX MOLEX INCORPORATED MATERIAL NO. SEE TABLE DOCUMENT NO. SDA-73656-*00* | | SHEET NO. 1 OF 4 | |
| | mm | INCH | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | ANGULAR ±1/2° | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | | |
| REV H | | SIZE C | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | | |

DATE CODE AND
PART NUMBER ON
THIS SURFACE OR
SURFACE OPPOSITE.

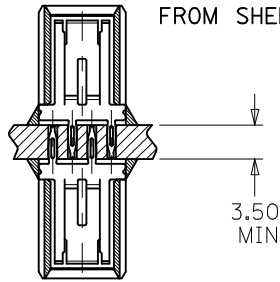


MIDPLANE OPTION

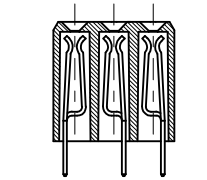
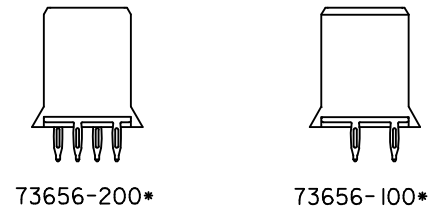
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|-----------------|---------------------------------|
| 73656-1000 | SEE NOTE 2. (GOLD TAILS) |
| 73656-2000 | |
| 73656-1001 | SEE NOTE 3. (TIN/LEAD TAILS) |
| 73656-2001 | |



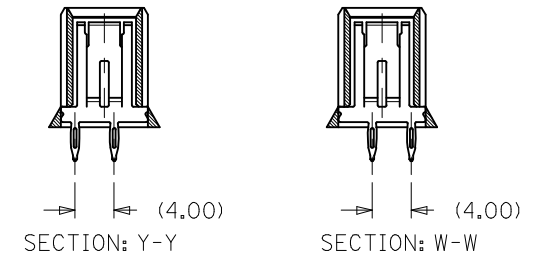
USE BACKPLANE MODULE
HOLE REFERENCE PATTERN
FROM SHEET 1



BACK-TO-BACK
MOUNTING APPLICATION

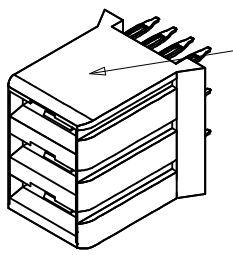


SECTION X-X
SECTION Z-Z
ROTATED 90° CW

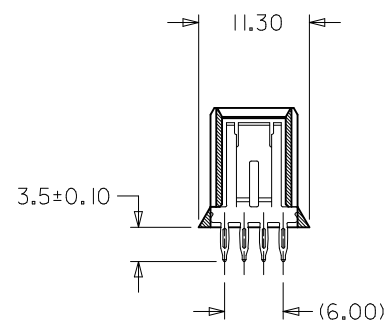
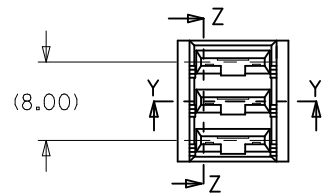


| | | | | | | | | | | | |
|--|--------------------|---|---------------------------------------|--------------------|----------------------------|--|--------------------------------|------------------------|------------------------|--|--|
| SEE SHEET 1 EC NO: UCP2009-1813 DRWN: SDANNELLEY 2009/07/17 CHKD: BSMART 2009/07/24 APPR: SMILLER 2009/07/24 | DESCRIPTION REV | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 1:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- | m/m INCH | DRAWN BY ELO | DATE 1998/05/21 | TITLE SALES ASSY, HDM BACKPLANE POWER MODULE (PRESSFIT) | | | | | |
| | | ANGULAR ±1/2° | | CHECKED BY SMR | DATE 1998/05/21 | MOLEX INCORPORATED | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY CAB | DATE 1998/05/21 | MATERIAL NO. SEE TABLE | DOCUMENT NO. SDA-73656-*00* | SHEET NO. 2 OF 4 | | | |

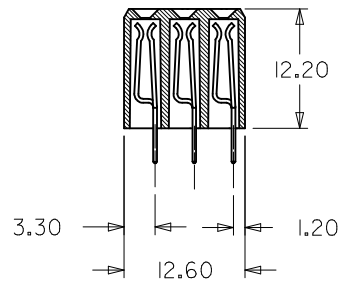
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|-----------------|----------------|
| ASSEMBLY NUMBER | FINISH (SHT I) |
| 73656-5000 | SEE NOTE 2. |
| 73656-5001 | SEE NOTE 3. |



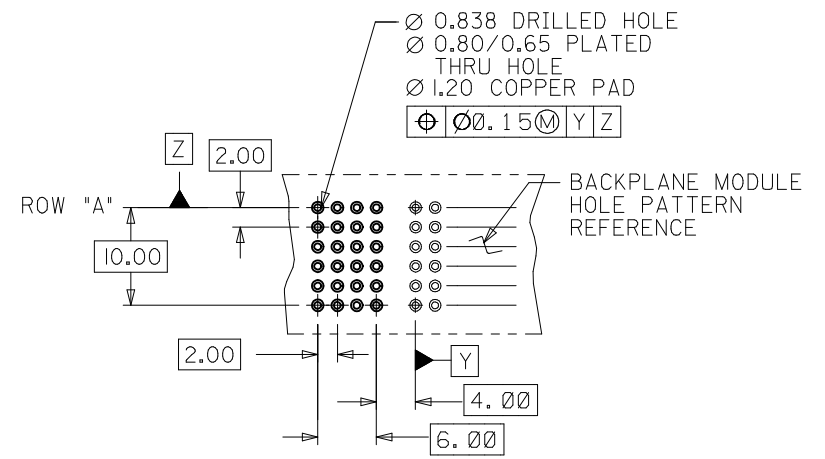
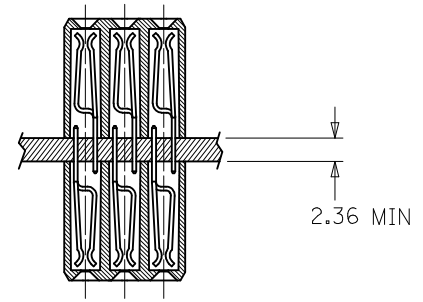
DATE CODE AND PART NUMBER ON THIS SURFACE OR SURFACE OPPOSITE.



SECTION: Y-Y



SECTION: Z-Z ROTATED 90° CW

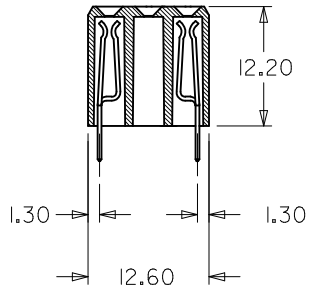
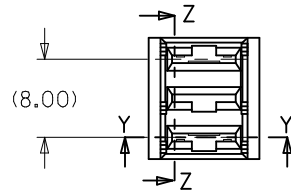
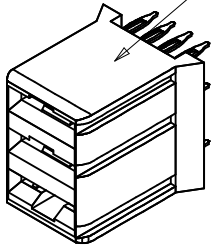


BACKPLANE MODULE HOLE PATTERN REFERENCE

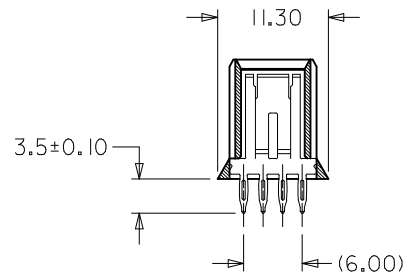
| | | | | | | |
|---|--------------------|---|--|--|--|---|
| SEE SHEET 1 EC NO: UCP2009-1813 DRWN:SDANNELLEY 2009/07/17 CHKD:BSMART 2009/07/24 APPR:SMILLER 2009/07/24 | DESCRIPTION REV | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2° | DIMENSION STYLE MM ONLY DRAWN BY DATE ELO 1998/05/21 CHECKED BY DATE SMR 1998/05/21 APPROVED BY DATE CAB 1998/05/21 | SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION | TITLE SALES ASSY , HDM BACKPLANE POWER MODULE (PRESSFIT) |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. SEE TABLE | DOCUMENT NO. SDA-73656-*00* | SHEET NO. 3 OF 4 | |
| | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |
| | | MOLEX INCORPORATED | | | | |

| | |
|-----------------|-------------|
| ASSEMBLY NUMBER | FINISH |
| 73656-0180 | SEE NOTE 2. |
| 73656-0181 | SEE NOTE 3. |

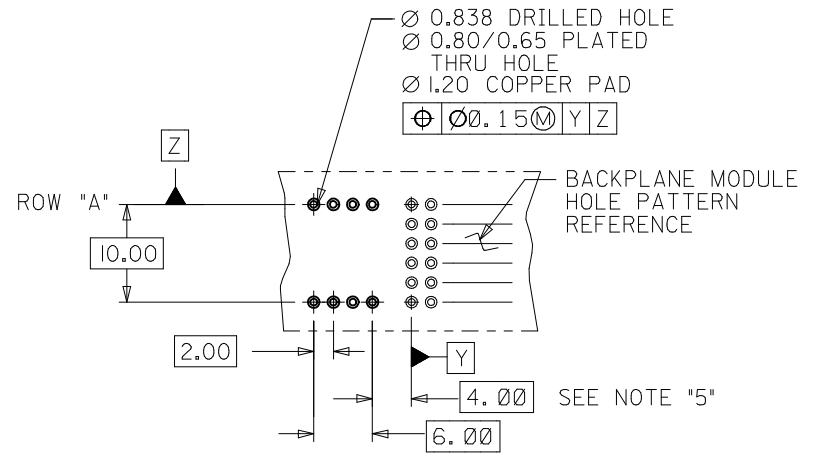
DATE CODE AND PART NUMBER ON THIS SURFACE OR SURFACE OPPOSITE.



SECTION: Z-Z
ROTATED 90° CW



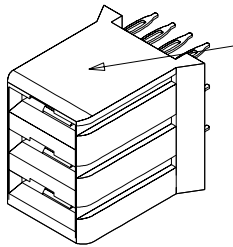
SECTION: Y-Y



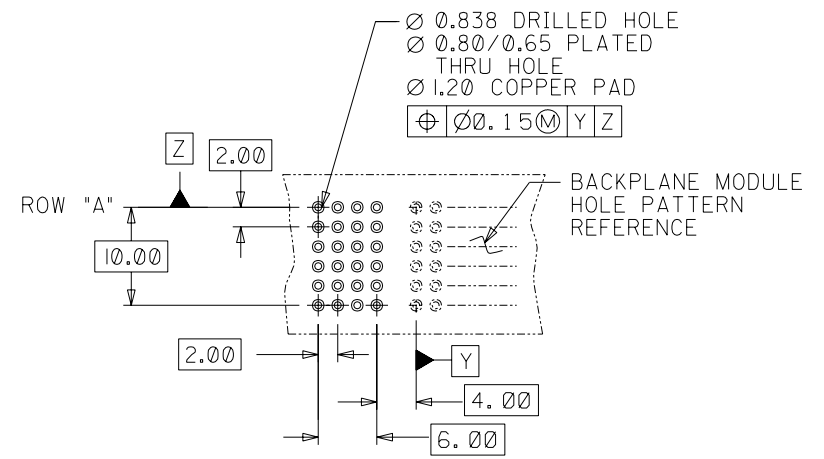
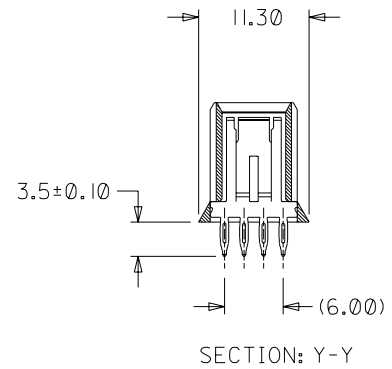
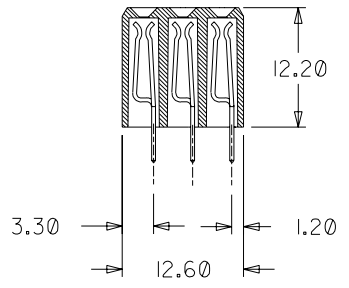
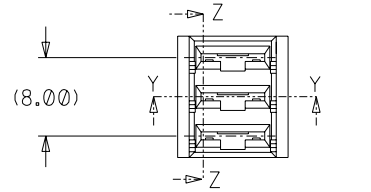
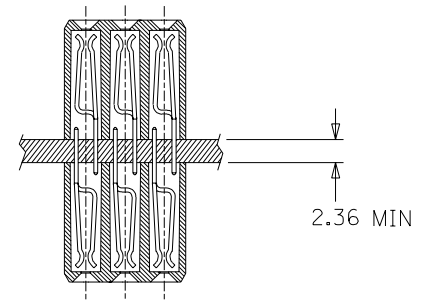
PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 2.50 MIN

| | | | | | | |
|---|--|--|---|-------|-----------------------------|------------------------|
| SEE SHEET 1 EC NO: UCP2009-1813 DRWN:SDANNELLEY 2009/07/17 CHKD:BSMART 2009/07/24 APPR:SMILLER 2009/07/24 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | ▽=0 ▽=0 | mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- | MM ONLY | 1:1 | METRIC | |
| | ANGULAR ±1/2° | DRAWN BY: ELO DATE: 1998/05/21 CHECKED BY: SMR DATE: 1998/05/21 APPROVED BY: CAB DATE: 1998/05/21 | TITLE: SALES ASSY , HDM BACKPLANE POWER MODULE (PRESSFIT) | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. SEE TABLE SIZE: B | MOLEX INCORPORATED | | DOCUMENT NO. SDA-73656-*00* | SHEET NO. 4 OF 4 |

| ASSEMBLY NUMBER | FINISH (SHT 1) |
|-----------------|----------------|
| 73656-5000 | SEE NOTE 2. |
| 73656-5001 | SEE NOTE 3. |



DATE CODE AND PART NUMBER ON THIS SURFACE OR SURFACE OPPOSITE.



| | | | |
|------|-------------|------|-------------|
| | | B | SEE SHEET I |
| G | SEE SHEET I | A1 | SEE SHEET I |
| E | SEE SHEET I | A | SEE SHEET I |
| LTR. | REVISIONS | LTR. | REVISIONS |

| | |
|---|----------------|
| DIMENSIONS SHOWN (METRIC) INCH | |
| UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2° | |
| 3 PLACE | ± N/A --- |
| 2 PLACE | ± N/A ± --- |
| 1 PLACE | --- ± --- |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | |
| DRWG. BY: ELO | CHK'D. BY: SMR |
| APP'D BY: BIXLER | SCALE: 2 : 1 |

| | | | |
|---|--------|--|---------------|
| REVISIONS | | REVISE ONLY ON CAD SYSTEM | |
| TITLE: SALES ASSY, HDM BACKPLANE POWER MODULE (PRESS FIT) | | | |
| MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A. | | SHEET NO. 3 | DATE 98/05/21 |
| PART NO. [REDACTED] | | DRWG. NO. SDA-73656-*00* | |
| FILE NAME: S73656X3 DGN | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. | |
| DIV. DA | SIZE B | | |