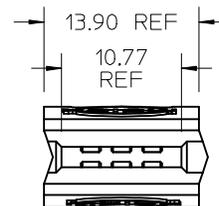
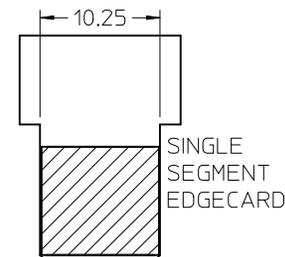


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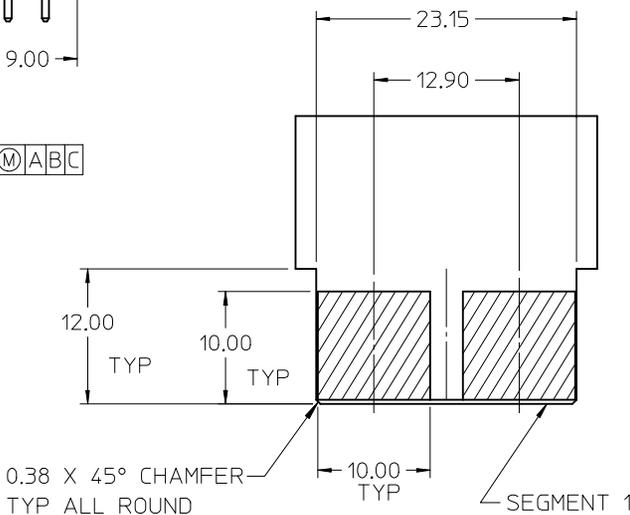
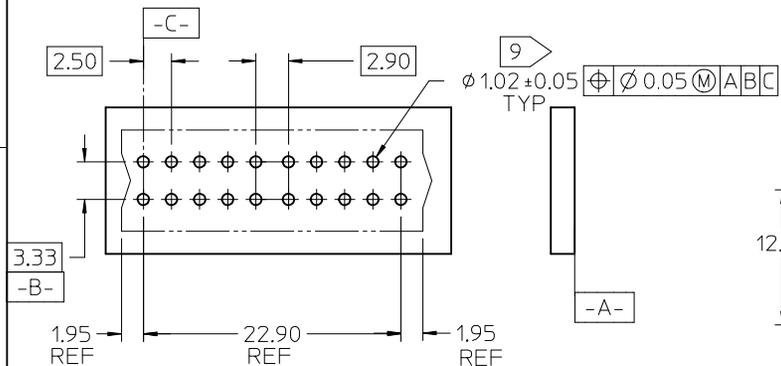
- HOUSING MATL: LCP, UL94V-0, COLOR BLACK
TERMINAL MATL: COPPER ALLOY
- FINISH: SELECT GOLD: 30 M.I. MIN IN CONTACT AREA
SELECT TIN: 150 M.I. MIN IN SOLDER AREA
OVERALL NICKEL UNDERPLATE.
- PRODUCT SPECIFICATION: PS-45719-001.
- PACKAGING SPECIFICATION: ES-45714-001.
- PCB THICKNESS: SEE CHART
- EDGE CARD THICKNESS: 1.57±0.15
- DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF TOTAL TOLERANCE.
- VOIDED SEGMENTS DO NOT HAVE TERMINALS IN THE TOP OR BOTTOM ROW
- PCB HOLE SPECIFICATION: SEE PS-45719-001



SINGLE SEGMENT MODULE 45719-1000



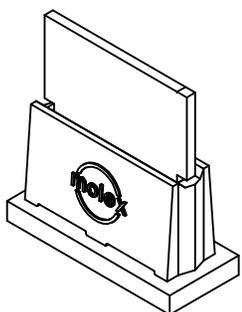
SINGLE SEGMENT EDGECARD



RECOMMENDED EDGE CARD LAYOUT
EDGE CARD TOLERANCE ±0.05

| MATERIAL NUMBER | SEGMENTS | VOIDED SEGMENT | P | PCB THK |
|-----------------|----------|----------------|------|---------|
| 45719-1000 | 1 | NONE | 4.50 | 3.18 |
| 45719-1001 | 1 | NONE | 3.63 | 2.36 |
| 45719-1002 | 1 | NONE | 2.92 | 1.57 |
| 45719-0001 | 2 | NONE | 4.50 | 3.18 |
| 45719-0004 | 2 | NONE | 3.63 | 2.36 |
| 45719-0007 | 2 | NONE | 2.92 | 1.57 |

PCB LAYOUT: COMPONENT SIDE

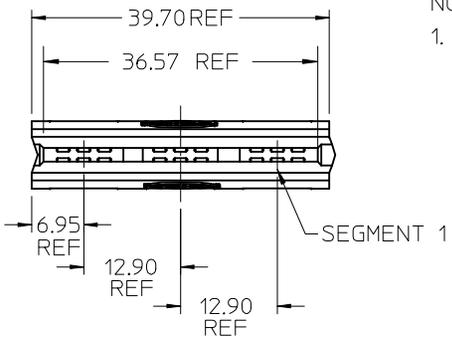


| | |
|---------------------|-------------|
| REMOVE VOIDS, SHT 1 | DESCRIPTION |
| EC NO: UCP2013-1672 | 2012/10/19 |
| DRWN: JSCHAFFER | 2012/11/06 |
| CHKD: APPR: APATEL | |
| G | REV |

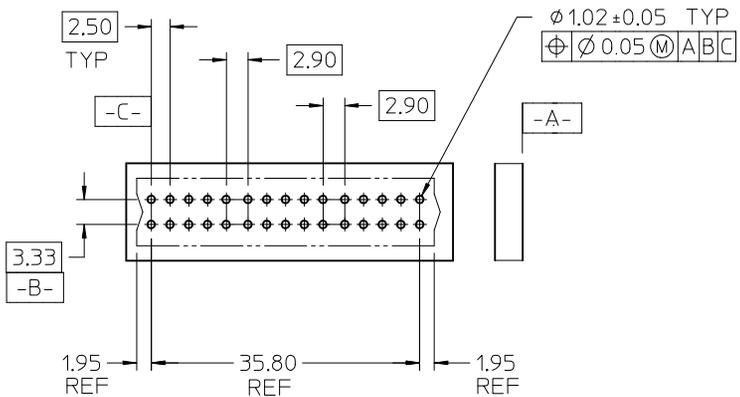
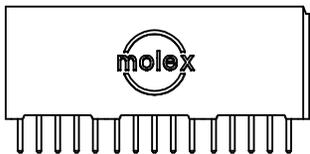
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | |
|--|--------|-------|
| | mm | INCH |
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.25 | ± --- |
| 1 PLACE | ± 0.25 | ± --- |
| ANGULAR ±1/2° | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | |

| DIMENSION STYLE | |
|-----------------|------------|
| MM ONLY | |
| DRAWN BY | DATE |
| MARGUL IS | 2003/11/11 |
| CHECKED BY | DATE |
| MARGUL IS | 2003/11/11 |
| APPROVED BY | DATE |
| MARGUL IS | 2003/11/11 |
| SIZE | A |

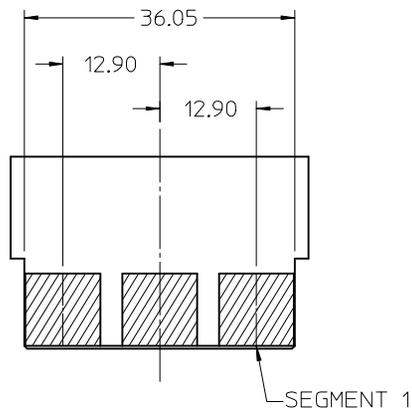
| | | |
|---|---------------------|------------------------|
| SCALE 1:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| TITLE | | |
| POWER EDGE ASSEMBLY POWER VERTICAL SOLDER TAIL | | |
| molex MOLEX INCORPORATED | | |
| DOCUMENT NO. SD-45719-001 | SHEET NO. 1 OF 5 | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |



NOTES:
1. FOR ALL OTHER DIMENSIONS AND NOTES SEE SHEET 1.

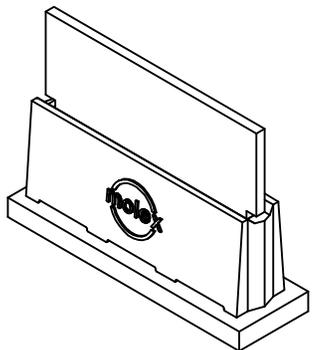


PCB LAYOUT: COMPONENT SIDE



RECOMMENDED EDGE CARD LAYOUT
EDGE CARD TOLERANCE: ± 0.05

| MATERIAL NUMBER | VOIDED SEGMENT | P | PCB THK |
|-----------------|----------------|------|---------|
| 45719-0002 | NONE | 4.50 | 3.18 |
| 45719-3001 | 1 | | |
| 45719-3002 | 2 | | |
| 45719-3003 | 3 | | |
| 45719-3004 | 1,2 | | |
| 45719-3005 | 1,3 | | |
| 45719-3006 | 2,3 | | |
| 45719-0005 | NONE | 3.63 | 2.36 |
| 45719-3007 | 1 | | |
| 45719-3008 | 2 | | |
| 45719-3009 | 3 | | |
| 45719-3010 | 1,2 | | |
| 45719-3011 | 1,3 | | |
| 45719-3012 | 2,3 | | |
| 45719-0008 | NONE | 2.92 | 1.57 |
| 45719-3013 | 1 | | |
| 45719-3014 | 2 | | |
| 45719-3015 | 3 | | |
| 45719-3016 | 1,2 | | |
| 45719-3017 | 1,3 | | |
| 45719-3018 | 2,3 | | |



| | | | |
|---------------------|------------|------------|-------------|
| EC NO: UCP2013-1672 | 2012/10/19 | 2012/11/06 | DESCRIPTION |
| DRWN: JSCHAFFER | | | |
| CHKD: APATEL | | | |
| APPR: APATEL | | | |
| G | REV | | |

| | | | |
|--|----------|------------|-----------|
| GENERAL TOLERANCES (UNLESS SPECIFIED) | mm | INCH | |
| | 4 PLACES | \pm --- | \pm --- |
| | 3 PLACES | \pm --- | \pm --- |
| | 2 PLACES | ± 0.25 | \pm --- |
| | 1 PLACE | ± 0.25 | \pm --- |
| ANGULAR $\pm 1/2^\circ$ | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | |

| | | | | |
|-----------------|---|---|--------------|------------------------|
| DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| MM ONLY | | 1:1 | METRIC | |
| DRAWN BY | DATE | TITLE POWER EDGE ASSEMBLY POWER VERTICAL SOLDER TAIL MOLEX INCORPORATED | | |
| MARGULIS | 2003/11/11 | | | |
| CHECKED BY | DATE | | | |
| MARGULIS | 2003/11/11 | | | |
| APPROVED BY | DATE | DOCUMENT NO. | | SHEET NO. |
| MARGULIS | 2003/11/11 | SD-45719-001 | | 2 |
| SIZE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |
| A | | | | |

6

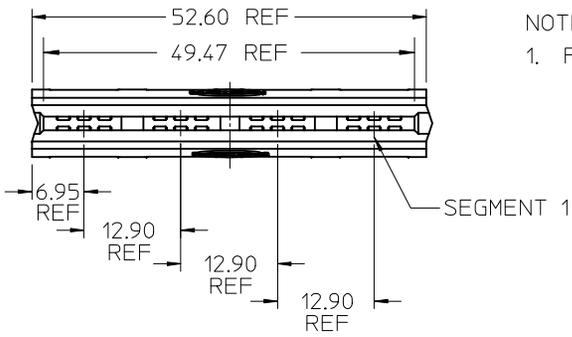
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4

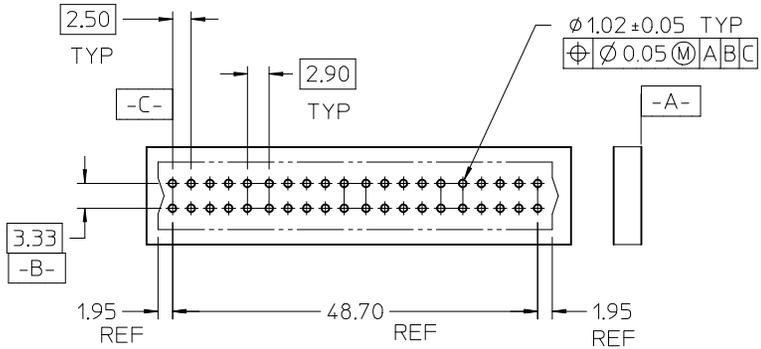
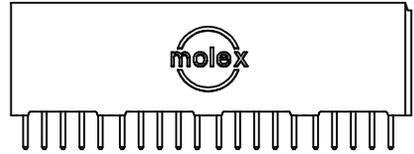
3

2

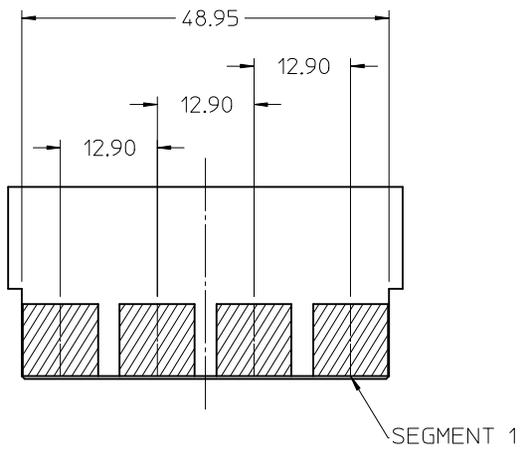
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NOTES:
1. FOR ALL OTHER DIMENSIONS AND NOTES SEE SHEET 1.

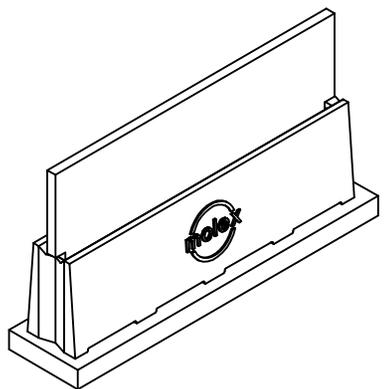


PCB LAYOUT: COMPONENT SIDE



RECOMMENDED EDGE CARD LAYOUT
EDGE CARD TOLERANCE: ± 0.05

| MATERIAL NUMBER | VOIDED SEGMENT | P | PCB THK |
|-----------------|----------------|------|---------|
| 45719-0003 | NONE | | |
| 45719-4001 | 1 | | |
| 45719-4002 | 2 | | |
| 45719-4003 | 3 | | |
| 45719-4004 | 4 | 4.50 | 3.18 |
| 45719-4005 | 1, 2 | | |
| 45719-4006 | 1, 3 | | |
| 45719-4007 | 1, 4 | | |
| 45719-4008 | 2, 3 | | |
| 45719-4009 | 2, 4 | | |
| 45719-4010 | 3, 4 | | |
| 45719-0006 | NONE | | |
| 45719-4011 | 1 | | |
| 45719-4012 | 2 | | |
| 45719-4013 | 3 | | |
| 45719-4014 | 4 | 3.63 | 2.36 |
| 45719-4015 | 1, 2 | | |
| 45719-4016 | 1, 3 | | |
| 45719-4017 | 1, 4 | | |
| 45719-4018 | 2, 3 | | |
| 45719-4019 | 2, 4 | | |
| 45719-4020 | 3, 4 | | |
| 45719-0009 | NONE | | |
| 45719-4021 | 1 | | |
| 45719-4022 | 2 | | |
| 45719-4023 | 3 | | |
| 45719-4024 | 4 | 2.92 | 1.57 |
| 45719-4025 | 1, 2 | | |
| 45719-4026 | 1, 3 | | |
| 45719-4027 | 1, 4 | | |
| 45719-4028 | 2, 3 | | |
| 45719-4029 | 2, 4 | | |
| 45719-4030 | 3, 4 | | |



| | | | | | |
|---------------------|-----------------|------------|--------------|------------|-------------|
| EC NO: UCP2013-1672 | DRWN: JSCHAFFER | 2012/10/19 | CHKD: APATEL | 2012/11/06 | DESCRIPTION |
| G | | | | | REV |

| | | | |
|--|------------------|-----------------|------------|
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | |
| | | MM ONLY | |
| | mm | DRAWN BY | DATE |
| | INCH | MARGUL IS | 2003/11/11 |
| 4 PLACES | $\pm \text{---}$ | CHECKED BY | DATE |
| 3 PLACES | $\pm \text{---}$ | MARGUL IS | 2003/11/11 |
| 2 PLACES | ± 0.25 | APPROVED BY | DATE |
| 1 PLACE | ± 0.25 | MARGUL IS | 2003/11/11 |
| ANGULAR $\pm 1/2^\circ$ | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | |

| | | |
|--|---|------------------------|
| SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| 1:1 | METRIC | |
| TITLE | | |
| POWER EDGE ASSEMBLY POWER VERTICAL SOLDER TAIL | | |
| MOLEX INCORPORATED | | |
| DOCUMENT NO. | SHEET NO. | |
| SD-45719-001 | 3 | |
| SIZE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | |
| A | | |

| | | |
|--|---|------------------------|
| SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| 1:1 | METRIC | |
| TITLE | | |
| POWER EDGE ASSEMBLY POWER VERTICAL SOLDER TAIL | | |
| MOLEX INCORPORATED | | |
| DOCUMENT NO. | SHEET NO. | |
| SD-45719-001 | 3 | |
| SIZE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | |
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4

3

2

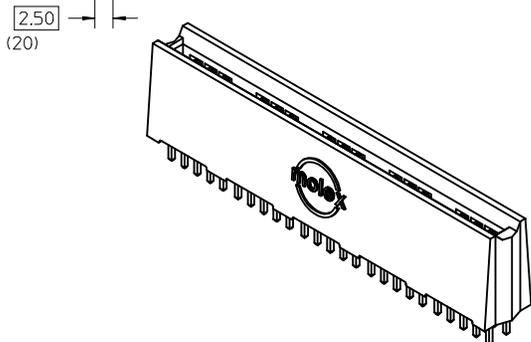
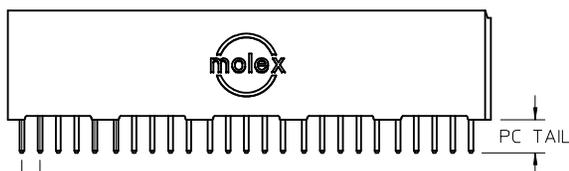
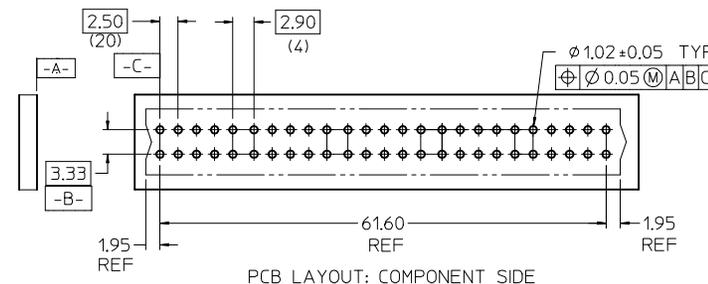
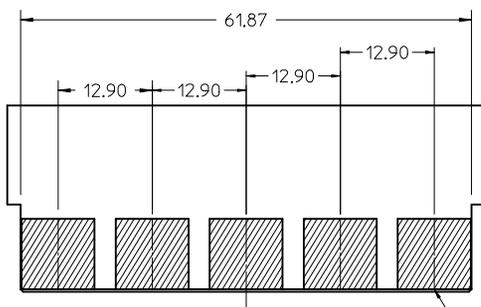
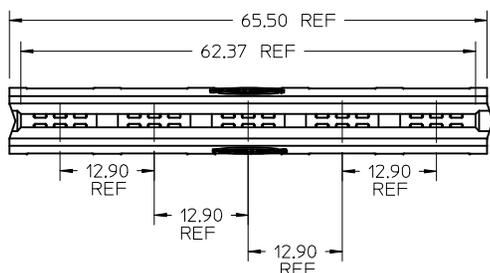
1

10 9 8 7 6 5 4 3 2 1

| MATERIAL NUMBER | NO. OF SEG'S | VOIDED SEGMENT | PCTAIL | PCB THK |
|-----------------|--------------|----------------|--------|---------|
| 45719-0010 | 5 | NONE | 4.50 | 3.18 |
| 45719-5001 | 5 | 1 | | |
| 45719-5002 | 5 | 2 | | |
| 45719-5003 | 5 | 3 | | |
| 45719-5004 | 5 | 4 | | |
| 45719-5005 | 5 | 5 | | |
| 45719-5006 | 5 | 1, 2 | | |
| 45719-5007 | 5 | 1, 3 | | |
| 45719-5008 | 5 | 1, 4 | | |
| 45719-5009 | 5 | 1, 5 | | |
| 45719-5010 | 5 | 2, 3 | | |
| 45719-5011 | 5 | 2, 4 | | |
| 45719-5012 | 5 | 2, 5 | | |
| 45719-5013 | 5 | 3, 4 | | |
| 45719-5014 | 5 | 3, 5 | | |
| 45719-5015 | 5 | 4, 5 | | |

| MATERIAL NUMBER | NO. OF SEG'S | VOIDED SEGMENT | PCTAIL | PCB THK |
|-----------------|--------------|----------------|--------|---------|
| 45719-0011 | 5 | NONE | 3.63 | 2.36 |
| 45719-5016 | 5 | 1 | | |
| 45719-5017 | 5 | 2 | | |
| 45719-5018 | 5 | 3 | | |
| 45719-5019 | 5 | 4 | | |
| 45719-5020 | 5 | 5 | | |
| 45719-5021 | 5 | 1, 2 | | |
| 45719-5022 | 5 | 1, 3 | | |
| 45719-5023 | 5 | 1, 4 | | |
| 45719-5024 | 5 | 1, 5 | | |
| 45719-5025 | 5 | 2, 3 | | |
| 45719-5026 | 5 | 2, 4 | | |
| 45719-5027 | 5 | 2, 5 | | |
| 45719-5028 | 5 | 3, 4 | | |
| 45719-5029 | 5 | 3, 5 | | |
| 45719-5030 | 5 | 4, 5 | | |

| MATERIAL NUMBER | NO. OF SEG'S | VOIDED SEGMENT | PCTAIL | PCB THK |
|-----------------|--------------|----------------|--------|---------|
| 45719-0012 | 5 | NONE | 2.92 | 1.57 |
| 45719-5031 | 5 | 1 | | |
| 45719-5032 | 5 | 2 | | |
| 45719-5033 | 5 | 3 | | |
| 45719-5034 | 5 | 4 | | |
| 45719-5035 | 5 | 5 | | |
| 45719-5036 | 5 | 1, 2 | | |
| 45719-5037 | 5 | 1, 3 | | |
| 45719-5038 | 5 | 1, 4 | | |
| 45719-5039 | 5 | 1, 5 | | |
| 45719-5040 | 5 | 2, 3 | | |
| 45719-5041 | 5 | 2, 4 | | |
| 45719-5042 | 5 | 2, 5 | | |
| 45719-5043 | 5 | 3, 4 | | |
| 45719-5044 | 5 | 3, 5 | | |
| 45719-5045 | 5 | 4, 5 | | |



RECOMMENDED EDGE CARD LAYOUT
EDGE CARD TOLERANCE: ±0.05

NOTE: FOR ALL OTHER NOTES & DIMENSIONS
SEE SHEET ONE

| | | | | | | |
|--|--|---|---|--------------|--------------|------------------------|
| SEE SHT 1 EC NO: UCP2013-1672 DRAWN: JSCHAFFER 2012/10/19 CHKD: APATEL APPR: APATEL 2012/11/06 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | $\nabla F=0$ $\nabla E=0$ $\nabla F=0$ | mm | MM ONLY | 1:1 | METRIC | |
| | | INCH | DRAWN BY DATE | | | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2° | CHECKED BY DATE | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | APPROVED BY DATE | | | |
| | | | MATERIAL NO. | DOCUMENT NO. | | |
| | | | SEE CHART | | | |
| | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |

POWER EDGE ASSEMBLY
POWER VERTICAL
SOLDER TAIL

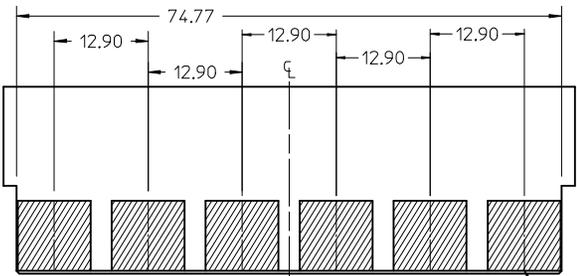
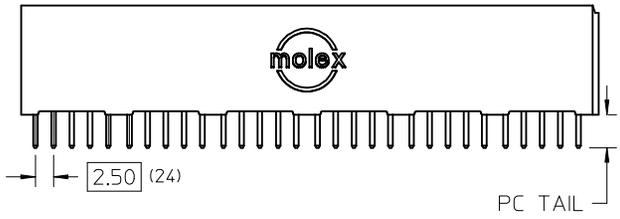
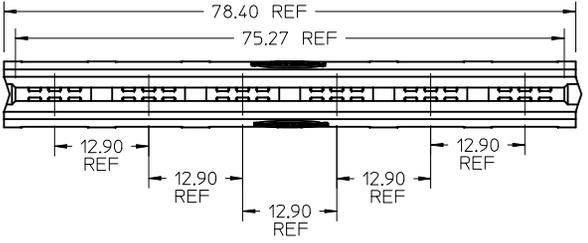
MOLEX INCORPORATED

SD-45719-001

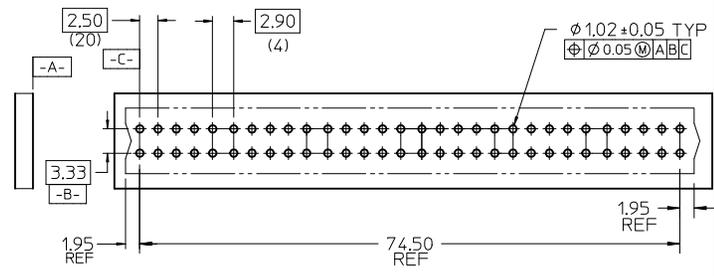
SHEET NO. 4 OF 5

9 8 7 6 5 4 3 2 1

NOTE: FOR ALL OTHER NOTES & DIMENSIONS SEE SHEET ONE.



RECOMMENDED EDGE CARD LAYOUT
EDGE CARD TOLERANCE ±0.05

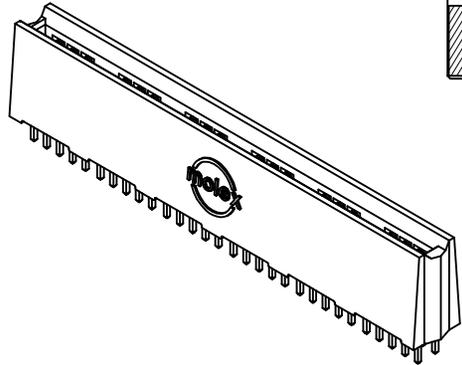


PCB LAYOUT: COMPONENT SIDE

| NO OF SEG'S | MATERIAL NUMBER | VOIDED SEGMENT | PC TAIL | PCB THK |
|-------------|-----------------|----------------|---------|---------|
| 6 | 45719-0013 | NONE | 4.50 | 3.18 |
| 6 | 45719-6001 | 1 | | |
| 6 | 45719-6002 | 2 | | |
| 6 | 45719-6003 | 3 | | |
| 6 | 45719-6004 | 4 | | |
| 6 | 45719-6005 | 5 | | |
| 6 | 45719-6006 | 6 | | |
| 6 | 45719-6007 | 1, 2 | | |
| 6 | 45719-6008 | 1, 3 | | |
| 6 | 45719-6009 | 1, 4 | | |
| 6 | 45719-6010 | 1, 5 | | |
| 6 | 45719-6011 | 1, 6 | | |
| 6 | 45719-6012 | 2, 3 | | |
| 6 | 45719-6013 | 2, 4 | | |
| 6 | 45719-6014 | 2, 5 | | |
| 6 | 45719-6015 | 2, 6 | | |
| 6 | 45719-6016 | 3, 4 | | |
| 6 | 45719-6017 | 3, 5 | | |
| 6 | 45719-6018 | 3, 6 | | |
| 6 | 45719-6019 | 4, 5 | | |
| 6 | 45719-6020 | 1, 6 | | |
| 6 | 45719-6021 | 2, 6 | | |
| 6 | 45719-6022 | 3, 6 | | |
| 6 | 45719-6023 | 4, 6 | | |
| 6 | 45719-6024 | 5, 6 | | |

| NO OF SEG'S | MATERIAL NUMBER | VOIDED SEGMENT | PC TAIL | PCB THK |
|-------------|-----------------|----------------|---------|---------|
| 6 | 45719-0014 | NONE | 3.63 | 2.36 |
| 6 | 45719-6025 | 1 | | |
| 6 | 45719-6026 | 2 | | |
| 6 | 45719-6027 | 3 | | |
| 6 | 45719-6028 | 4 | | |
| 6 | 45719-6029 | 5 | | |
| 6 | 45719-6030 | 6 | | |
| 6 | 45719-6031 | 1, 2 | | |
| 6 | 45719-6032 | 1, 3 | | |
| 6 | 45719-6033 | 1, 4 | | |
| 6 | 45719-6034 | 1, 5 | | |
| 6 | 45719-6035 | 1, 6 | | |
| 6 | 45719-6036 | 2, 3 | | |
| 6 | 45719-6037 | 2, 4 | | |
| 6 | 45719-6038 | 2, 5 | | |
| 6 | 45719-6039 | 2, 6 | | |
| 6 | 45719-6040 | 3, 4 | | |
| 6 | 45719-6041 | 3, 5 | | |
| 6 | 45719-6042 | 3, 6 | | |
| 6 | 45719-6043 | 4, 5 | | |
| 6 | 45719-6044 | 1, 6 | | |
| 6 | 45719-6045 | 2, 6 | | |
| 6 | 45719-6046 | 3, 6 | | |
| 6 | 45719-6047 | 4, 6 | | |
| 6 | 45719-6048 | 5, 6 | | |

| NO OF SEG'S | MATERIAL NUMBER | VOIDED SEGMENT | PC TAIL | PCB THK |
|-------------|-----------------|----------------|---------|---------|
| 6 | 45719-0015 | NONE | 2.92 | 1.57 |
| 6 | 45719-6049 | 1 | | |
| 6 | 45719-6050 | 2 | | |
| 6 | 45719-6051 | 3 | | |
| 6 | 45719-6052 | 4 | | |
| 6 | 45719-6053 | 5 | | |
| 6 | 45719-6054 | 6 | | |
| 6 | 45719-6055 | 1, 2 | | |
| 6 | 45719-6056 | 1, 3 | | |
| 6 | 45719-6057 | 1, 4 | | |
| 6 | 45719-6058 | 1, 5 | | |
| 6 | 45719-6059 | 1, 6 | | |
| 6 | 45719-6060 | 2, 3 | | |
| 6 | 45719-6061 | 2, 4 | | |
| 6 | 45719-6062 | 2, 5 | | |
| 6 | 45719-6063 | 2, 6 | | |
| 6 | 45719-6064 | 3, 4 | | |
| 6 | 45719-6065 | 3, 5 | | |
| 6 | 45719-6066 | 3, 6 | | |
| 6 | 45719-6067 | 4, 5 | | |
| 6 | 45719-6068 | 1, 6 | | |
| 6 | 45719-6069 | 2, 6 | | |
| 6 | 45719-6070 | 3, 6 | | |
| 6 | 45719-6071 | 4, 6 | | |
| 6 | 45719-6072 | 5, 6 | | |



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|---|---|---|---|---|---|---|
| SEE SHT 1 EC NO: UCP2013-1672 DRWN: JSCHAFER 2012/10/19 CHKD: APPR: APATEL 2012/11/06 REV: | QUALITY SYMBOLS $\nabla F=0$ $\nabla E=0$ $\nabla F=0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2° | DIMENSION STYLE MM ONLY DRAWN BY DATE MARGULIS 2003/11/11 CHECKED BY DATE MARGULIS 2003/11/11 APPROVED BY DATE MARGULIS 2003/11/11 | SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION | TITLE POWER EDGE ASSEMBLY POWER VERTICAL SOLDER TAIL MOLEX INCORPORATED | DOCUMENT NO. SD-45719-001 SHEET NO. 5 OF 5 |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE CHART | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |