

- NOTES:
1. MATERIAL: SEE TABLE
 2. FINISHES: SEE TABLE
 3. PRODUCT SPECIFICATION: NOT REQUIRED
 4. PACKAGING: NOT REQUIRED
 5. MATES WITH: NONE
 6. "XX" REFERS TO THE QUANTITY OF CIRCUITS.
 7. INCH DIMENSIONS ARE SHOWN IN BRACKETS [XXX].
 8. ASSEMBLY IS ROHS COMPLIANT.

| TOLERANCES | | | |
|------------|-------|-----------|-------|
| MM | TOL | INCH | TOL |
| 0-6 | ±0.25 | 0-.24 | ±.010 |
| >6-30 | ±0.40 | .24-1.18 | ±.016 |
| >30-120 | ±0.50 | 1.18-4.76 | ±.020 |
| >120 | ±0.80 | >4.76 | ±.031 |

| 6 | XX*2 | SCREW, #6-32X.250, PAN HD, PHIL-SLOT W/WSHR (-50 OPT) | STEEL | ZINC W/CHROMATE |
|------|------|---|---------------|-----------------|
| 5 | XX*2 | SCREW, #6-32X.250, BGHD, PHIL-SLOT (-49 OPTION) | BRASS | NICKEL |
| 4 | XX*2 | SCREW, #6-32X.250, BGHD, PHIL-SLOT (STANDARD) | STEEL | ZINC W/CHROMATE |
| 3 | XX | TERMINAL PLATE (-49 OPTION) | BRASS | TIN |
| 2 | XX | TERMINAL PLATE | BRASS | NICKEL |
| 1 | 1 | INSULATOR | THERMOPLASTIC | BLACK |
| ITEM | QTY. | DESCRIPTION | MATERIAL | FINISH |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS: $\nabla_A = 0$, $\nabla_E = 0$, $\nabla_P = 0$

DIVISIONAL SYMBOLS: 4 PLACES ± --- ± ---, 3 PLACES ± --- ± SEE CHART, 2 PLACES ± SEE CHART ± SEE CHART, 1 PLACE ± SEE CHART ± ---, 0 PLACES ± --- ± ---

ANGULAR TOL: ± ---

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED):

EC NO: 639832
 DRWN: ABENJAMINLW 2020/04/16
 CHK'D: MBRZOZOWSKI 2020/05/13
 APPR: JFMURPHY 2020/07/22

INITIAL REVISION:
 DRWN: CYORK 2004/09/27
 APPR: grobertson 2004/10/01

THIRD ANGLE PROJECTION

DRAWING: B-SIZE

SERIES: 38760

DOCUMENT NUMBER: SD-38760-001

DOC TYPE: PSD

DOC PART: 001

REVISION: C2

MATERIAL NUMBER: SEE CHART

CUSTOMER: GENERAL MARKET

SHEET NUMBER: 1 OF 2


molex

9.53MM [.375] DOUBLE ROW
BTS ASSEMBLY

PRODUCT CUSTOMER DRAWING

| NO. OF CIRCUITS "XX" | DIM. "A" | | DIM. "B" | | DIM. "C" | | DIM. "D" | | ASSEMBLY MATERIAL NO. (STANDARD) | ASSEMBLY MATERIAL NO. (-49 OPTION) | ASSEMBLY MATERIAL NO. (-50 OPTION) |
|----------------------------|----------|---------|----------|----------|----------|---------|----------|---------|--|--|--|
| | mm | INCH | mm | INCH | mm | INCH | mm | INCH | | | |
| 2 | 35.7 | [1.41] | 9.53 | [.375] | 28.6 | [1.13] | 21.3 | [.84] | 387600102 | 387600202 | 387600302 |
| 3 | 45.2 | [1.78] | 19.05 | [.750] | 38.1 | [1.50] | 30.8 | [1.21] | 387600103 | 387600203 | 387600303 |
| 4 | 54.7 | [2.16] | 28.58 | [1.125] | 47.6 | [1.88] | 40.3 | [1.59] | 387600104 | 387600204 | 387600304 |
| 5 | 64.3 | [2.53] | 38.10 | [1.500] | 57.2 | [2.25] | 49.8 | [1.96] | 387600105 | 387600205 | 387600305 |
| 6 | 73.8 | [2.91] | 47.63 | [1.875] | 66.7 | [2.63] | 59.4 | [2.34] | 387600106 | 387600206 | 387600306 |
| 7 | 83.3 | [3.28] | 57.15 | [2.250] | 76.2 | [3.00] | 68.9 | [2.71] | 387600107 | 387600207 | 387600307 |
| 8 | 92.8 | [3.66] | 66.68 | [2.625] | 85.7 | [3.38] | 78.4 | [3.09] | 387600108 | 387600208 | 387600308 |
| 9 | 102.4 | [4.03] | 76.20 | [3.000] | 95.3 | [3.75] | 87.9 | [3.46] | 387600109 | 387600209 | 387600309 |
| 10 | 111.9 | [4.41] | 85.73 | [3.375] | 104.8 | [4.13] | 97.5 | [3.84] | 387600110 | 387600210 | 387600310 |
| 11 | 121.4 | [4.78] | 95.25 | [3.750] | 114.3 | [4.50] | 107.0 | [4.21] | 387600111 | 387600211 | 387600311 |
| 12 | 130.9 | [5.16] | 104.78 | [4.125] | 123.8 | [4.88] | 116.5 | [4.59] | 387600112 | 387600212 | 387600312 |
| 13 | 140.5 | [5.53] | 114.30 | [4.500] | 133.4 | [5.25] | 126.0 | [4.96] | 387600113 | 387600213 | 387600313 |
| 14 | 150.0 | [5.91] | 123.83 | [4.875] | 142.9 | [5.63] | 135.6 | [5.34] | 387600114 | 387600214 | 387600314 |
| 15 | 159.5 | [6.28] | 133.35 | [5.250] | 152.4 | [6.00] | 145.1 | [5.71] | 387600115 | 387600215 | 387600315 |
| 16 | 169.0 | [6.66] | 142.88 | [5.625] | 161.9 | [6.38] | 154.6 | [6.09] | 387600116 | 387600216 | 387600316 |
| 17 | 178.6 | [7.03] | 152.40 | [6.000] | 171.5 | [6.75] | 164.1 | [6.46] | 387600117 | 387600217 | 387600317 |
| 18 | 188.1 | [7.41] | 161.93 | [6.375] | 181.0 | [7.13] | 173.7 | [6.84] | 387600118 | 387600218 | 387600318 |
| 19 | 197.6 | [7.78] | 171.45 | [6.750] | 190.5 | [7.50] | 183.2 | [7.21] | 387600119 | 387600219 | 387600319 |
| 20 | 207.1 | [8.16] | 180.98 | [7.125] | 200.0 | [7.88] | 192.7 | [7.59] | 387600120 | 387600220 | 387600320 |
| 21 | 216.7 | [8.53] | 190.50 | [7.500] | 209.6 | [8.25] | 202.2 | [7.96] | 387600121 | 387600221 | 387600321 |
| 22 | 226.2 | [8.91] | 200.03 | [7.875] | 219.1 | [8.63] | 211.8 | [8.34] | 387600122 | 387600222 | 387600322 |
| 23 | 235.7 | [9.28] | 209.55 | [8.250] | 228.6 | [9.00] | 221.3 | [8.71] | 387600123 | 387600223 | 387600323 |
| 24 | 245.2 | [9.66] | 219.08 | [8.625] | 238.1 | [9.38] | 230.8 | [9.09] | 387600124 | 387600224 | 387600324 |
| 25 | 254.2 | [10.03] | 228.60 | [9.000] | 247.7 | [9.75] | 240.3 | [9.46] | 387600125 | 387600225 | 387600325 |
| 26 | 264.3 | [10.41] | 238.13 | [9.375] | 257.2 | [10.13] | 249.9 | [9.84] | 387600126 | 387600226 | 387600326 |
| 27 | 273.8 | [10.78] | 247.65 | [9.750] | 266.7 | [10.50] | 259.4 | [10.21] | 387600127 | 387600227 | 387600327 |
| 28 | 283.3 | [11.16] | 257.18 | [10.125] | 276.2 | [10.88] | 268.9 | [10.59] | 387600128 | 387600228 | 387600328 |
| 29 | 292.9 | [11.53] | 266.70 | [10.500] | 285.8 | [11.25] | 278.4 | [10.96] | 387600129 | 387600229 | 387600329 |
| 30 | 302.4 | [11.91] | 276.23 | [10.875] | 295.3 | [11.63] | 288.0 | [11.34] | 387600130 | 387600230 | 387600330 |

| TOLERANCES | | | |
|------------|-------|-----------|-------|
| MM | TOL | INCH | TOL |
| 0-6 | ±0.25 | 0-.24 | ±.010 |
| >6-30 | ±0.40 | .24-1.18 | ±.016 |
| >30-120 | ±0.50 | 1.18-4.76 | ±.020 |
| >120 | ±0.80 | >4.76 | ±.031 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--|-------------|--|------------------------|--|-------------|--|---|--|-------------|--|---|--|--|--|-----------------|--|-------------|--|--|--|-------------|--|--------------|--|--|--|
| FUNCTIONAL SYMBOLS | | | | | | | | | | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | |
| DIMENSION UNITS | | | | SCALE | | | | CURRENT REV DESC: MIGRATED TO ECTR/NX & ADDED TOLERANCE TABLE | | | |  9.53MM [.375] DOUBLE ROW BTS ASSEMBLY | | | | | | | | | | | | | | | |
| MM/INCH | | | | 2:1 | | | | | | | | | | | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | EC NO: 639832 DRWN: ABENJAMINLW 2020/04/16 CHK'D: MBRZOZOWSKI 2020/05/13 APPR: JFMURPHY 2020/07/22 INITIAL REVISION: DRWN: CYORK 2004/09/27 APPR: grobertson 2004/10/01 | | | | | | | | | | | | | | | |
| 4 PLACES | | ± --- ± --- | | 3 PLACES | | ± --- ± --- | | 2 PLACES | | ± --- ± --- | | | | | | 1 PLACE | | ± --- ± --- | | 0 PLACES | | ± --- ± --- | | | | | |
| 3 PLACES | | ± --- ± --- | | 2 PLACES | | ± --- ± --- | | 1 PLACE | | ± --- ± --- | | | | | | 0 PLACES | | ± --- ± --- | | ANGULAR TOL | | ± --- | | | | | |
| 3 PLACES | | ± --- ± --- | | 2 PLACES | | ± --- ± --- | | 1 PLACE | | ± --- ± --- | | | | | | 0 PLACES | | ± --- ± --- | | ANGULAR TOL | | ± --- | | | | | |
| 2 PLACES | | ± --- ± --- | | 1 PLACE | | ± --- ± --- | | 0 PLACES | | ± --- ± --- | | | | | | ANGULAR TOL | | ± --- | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | | |
| DIVISIONAL SYMBOLS | | | | THIRD ANGLE PROJECTION | | | | DRAWING | | | | SERIES | | | | MATERIAL NUMBER | | | | CUSTOMER | | | | SHEET NUMBER | | | |
| | | | | B-SIZE | | | | 38760 | | | | SEE CHART | | | | GENERAL MARKET | | | | 2 OF 2 | | | | | | | |

10 9 8 7 6 5 4 3 2 38760

| NO. OF CIRCUITS "XX" | DM. "A" | DM. "B" | DM. "C" | DM. "D" | ASSEMBLY MATERIAL NO. (STANDARD) | ASSEMBLY MATERIAL NO. (-49 OPTION) | ASSEMBLY MATERIAL NO. (-50 OPTION) |
|----------------------|---------------|-----------------|---------------|---------------|----------------------------------|------------------------------------|------------------------------------|
| 2 | 35.7 [1.41] | 9.53 [.375] | 28.6 [1.13] | 21.3 [.84] | 38760-0102 | 387600202 | 387600302 |
| 3 | 45.2 [1.78] | 19.05 [1.750] | 38.1 [1.50] | 30.8 [1.21] | 38760-0103 | 387600203 | 387600303 |
| 4 | 54.7 [2.16] | 28.58 [1.125] | 47.6 [1.88] | 40.3 [1.59] | 38760-0104 | 387600204 | 387600304 |
| 5 | 64.3 [2.53] | 38.10 [1.500] | 57.2 [2.25] | 49.8 [1.96] | 38760-0105 | 387600205 | 387600305 |
| 6 | 73.8 [2.91] | 47.63 [1.875] | 66.7 [2.63] | 59.4 [2.34] | 38760-0106 | 387600206 | 387600306 |
| 7 | 83.3 [3.28] | 57.15 [2.250] | 76.2 [3.00] | 68.9 [2.71] | 38760-0107 | 387600207 | 387600307 |
| 8 | 92.8 [3.66] | 66.68 [2.625] | 85.7 [3.38] | 78.4 [3.09] | 38760-0108 | 387600208 | 387600308 |
| 9 | 102.4 [4.03] | 76.20 [3.000] | 95.3 [3.75] | 87.9 [3.46] | 38760-0109 | 387600209 | 387600309 |
| 10 | 111.9 [4.41] | 85.73 [3.375] | 104.8 [4.13] | 97.5 [3.84] | 38760-0110 | 387600210 | 387600310 |
| 11 | 121.4 [4.78] | 95.25 [3.750] | 114.3 [4.50] | 107.0 [4.21] | 38760-0111 | 387600211 | 387600311 |
| 12 | 130.9 [5.16] | 104.78 [4.125] | 123.8 [4.88] | 116.5 [4.59] | 38760-0112 | 387600212 | 387600312 |
| 13 | 140.5 [5.53] | 114.30 [4.500] | 133.4 [5.25] | 126.0 [4.96] | 38760-0113 | 387600213 | 387600313 |
| 14 | 150.0 [5.91] | 123.83 [4.875] | 142.9 [5.63] | 135.6 [5.34] | 38760-0114 | 387600214 | 387600314 |
| 15 | 159.5 [6.28] | 133.35 [5.250] | 152.4 [6.00] | 145.1 [5.71] | 38760-0115 | 387600215 | 387600315 |
| 16 | 169.0 [6.66] | 142.88 [5.625] | 161.9 [6.38] | 154.6 [6.09] | 38760-0116 | 387600216 | 387600316 |
| 17 | 178.6 [7.03] | 152.40 [6.000] | 171.5 [6.75] | 164.1 [6.46] | 38760-0117 | 387600217 | 387600317 |
| 18 | 188.1 [7.41] | 161.93 [6.375] | 181.0 [7.13] | 173.7 [6.84] | 38760-0118 | 387600218 | 387600318 |
| 19 | 197.6 [7.78] | 171.45 [6.750] | 190.5 [7.50] | 183.2 [7.21] | 38760-0119 | 387600219 | 387600319 |
| 20 | 207.1 [8.16] | 180.98 [7.125] | 200.0 [7.88] | 192.7 [7.59] | 38760-0120 | 387600220 | 387600320 |
| 21 | 216.7 [8.53] | 190.50 [7.500] | 209.6 [8.25] | 202.2 [7.96] | 38760-0121 | 387600221 | 387600321 |
| 22 | 226.2 [8.91] | 200.03 [7.875] | 219.1 [8.63] | 211.8 [8.34] | 38760-0122 | 387600222 | 387600322 |
| 23 | 235.7 [9.28] | 209.55 [8.250] | 228.6 [9.00] | 221.3 [8.71] | 38760-0123 | 387600223 | 387600323 |
| 24 | 245.2 [9.66] | 219.08 [8.625] | 238.1 [9.38] | 230.8 [9.09] | 38760-0124 | 387600224 | 387600324 |
| 25 | 254.8 [10.03] | 228.60 [9.000] | 247.7 [9.75] | 240.3 [9.46] | 38760-0125 | 387600225 | 387600325 |
| 26 | 264.3 [10.41] | 238.13 [9.375] | 257.2 [10.13] | 249.9 [9.84] | 38760-0126 | 387600226 | 387600326 |
| 27 | 273.8 [10.78] | 247.65 [9.750] | 266.7 [10.50] | 259.4 [10.21] | 38760-0127 | 387600227 | 387600327 |
| 28 | 283.3 [11.16] | 257.18 [10.125] | 276.2 [10.88] | 268.9 [10.59] | 38760-0128 | 387600228 | 387600328 |
| 29 | 292.9 [11.53] | 266.70 [10.500] | 285.8 [11.25] | 278.4 [10.96] | 38760-0129 | 387600229 | 387600329 |
| 30 | 302.4 [11.91] | 276.23 [10.875] | 295.3 [11.63] | 288.0 [11.34] | 38760-0130 | 387600230 | 387600330 |

| | | | | | | |
|---|--------------------------|--|---|---------------------------------------|--------------|------------------------|
| ADDED -49 & -50 OPTION EC NO: ETC2007-0195 DRW: JHLE 2006/11/13 CHKD: JMACNEIL 2006/11/13 APPR: JMACNEIL 2006/11/13 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | $\nabla=0$ $\nabla=0$ | mm INCH 4 PLACES ± --- ±.0015 3 PLACES ± 0.038 ±.005 2 PLACES ± 0.13 ±.01 1 PLACE ± 0.3 ± --- ANGULAR ± 2 ° | MM/IN | 2:1 | INCH | |
| | DESCRIPTION | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DRAWN BY DATE | TITLE | | |
| | REV | SEE CHART | CHECKED BY DATE | 9.53MM [.375] DOUBLE ROW BTS ASSEMBLY | | |
| | | APPROVED BY DATE | MOLEX MOLEX INCORPORATED | | | |
| | | MATERIAL NO. | DOCUMENT NO. | SHEET NO. | | |
| | | SIZE B | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |

9 8 7 6 5 4 3 2 1

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