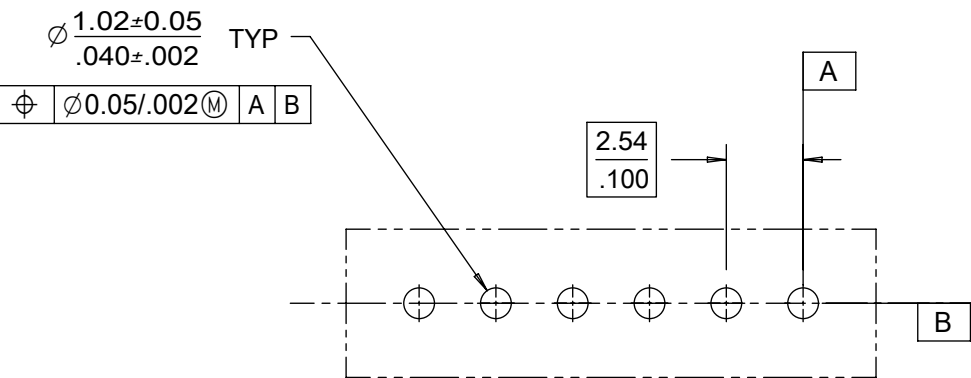
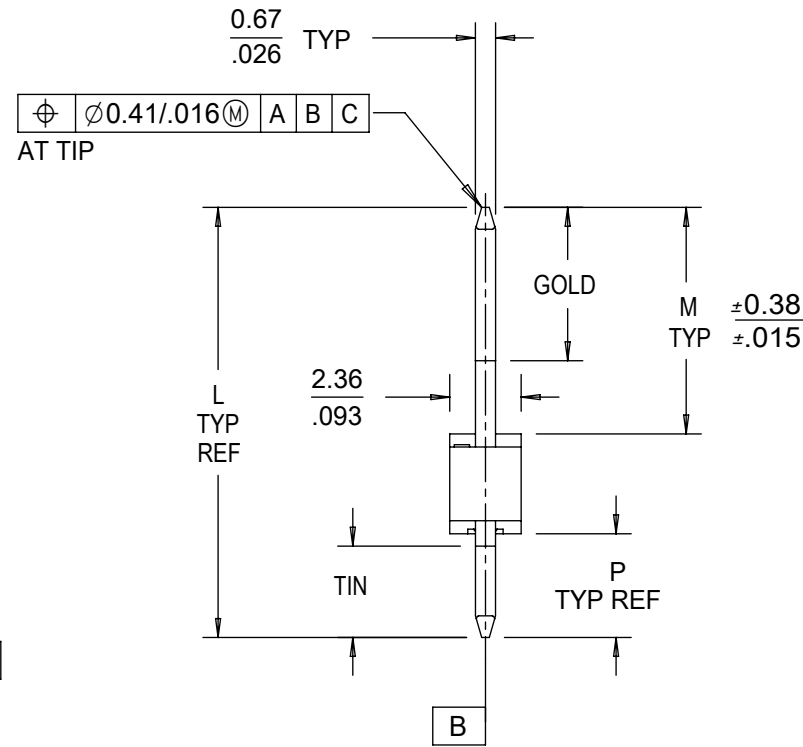
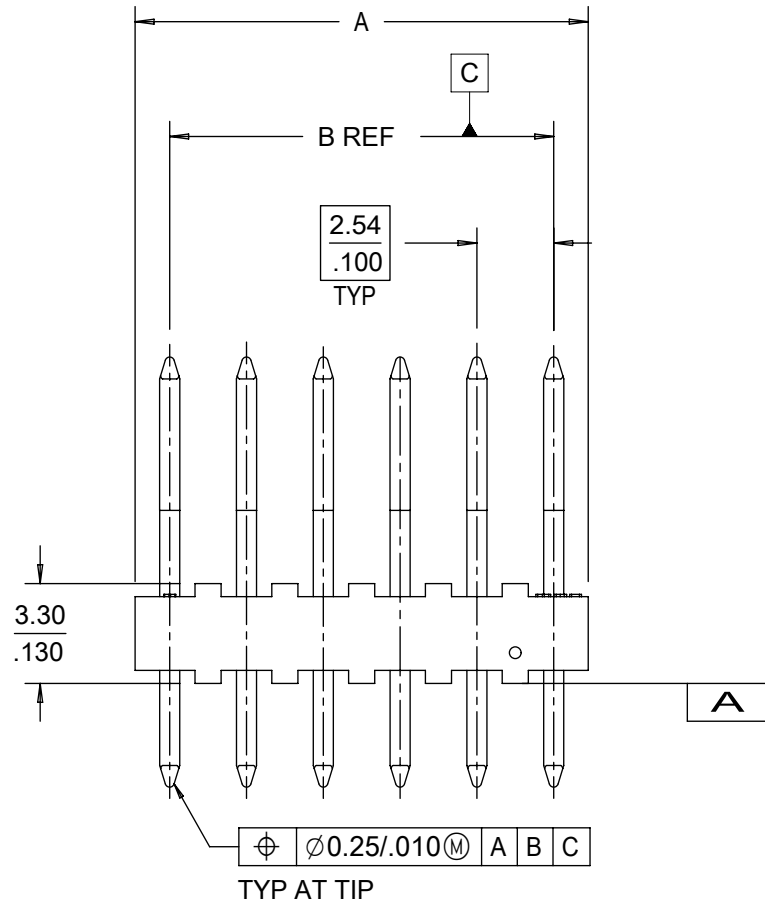


SEE NOTE 8



PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS: 1.57/.062

NOTES:

- MATERIAL: NYLON, UL 94V-0, COLOR: WHITE
- FINISH:
  - 197 = OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN. OVER 0.00127/.000050 MIN. NICKEL
  - 222 = OVERALL MATTE TIN: 0.00254/.000100 MIN. OVER 0.00127/.000050 MIN. NICKEL
  - 241 = SELECT GOLD: 0.00051/.000020 MIN. SELECT MATTE TIN: 0.00254/.000100 MIN. OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
- PRODUCT SPEC: PS-10-07
- PACKAGING SPEC: SEE CHART
- SOLDERABILITY SPEC: SMES-152
- PIN PUSHOUT FORCE: 8.9N / 2 LBS MIN
- PARTS ARE STACKABLE END TO END AND SIDE TO SIDE ON 2.54/.100 CENTERS.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 EXCEPT THIN WALLS ON STANDOFFS CONFORM TO CLASS C REQUIREMENTS FOR SHORT FILL

| CKTS | DIM A                    | DIM B          |
|------|--------------------------|----------------|
| 02   | 4.83±0.20<br>.190±.008   | 2.54<br>.100   |
| 03   | 7.37±0.20<br>.290±.008   | 5.08<br>.200   |
| 04   | 9.91±0.20<br>.390±.008   | 7.62<br>.300   |
| 05   | 12.45±0.20<br>.490±.008  | 10.16<br>.400  |
| 06   | 14.99±0.23<br>.590±.009  | 12.70<br>.500  |
| 07   | 17.53±0.23<br>.690±.009  | 15.24<br>.600  |
| 08   | 20.07±0.23<br>.790±.009  | 17.78<br>.700  |
| 09   | 22.61±0.25<br>.890±.010  | 20.32<br>.800  |
| 10   | 25.15±0.25<br>.990±.010  | 22.86<br>.900  |
| 11   | 27.69±0.25<br>1.090±.010 | 25.40<br>1.000 |
| 12   | 30.23±0.28<br>1.190±.011 | 27.94<br>1.100 |
| 13   | 32.77±0.28<br>1.290±.011 | 30.48<br>1.200 |
| 14   | 35.31±0.28<br>1.390±.011 | 33.02<br>1.300 |
| 15   | 37.85±0.28<br>1.490±.011 | 35.56<br>1.400 |
| 16   | 40.39±0.28<br>1.590±.011 | 38.10<br>1.500 |

|   |   |  |                            |  |                                    |
|---|---|--|----------------------------|--|------------------------------------|
| QUALITY SYMBOLS<br>▽ = 0<br>▽ = 0<br>▽ = 0<br>▽ = 0<br>▽ = 0<br>▽ = 0<br>▽ = 0<br>▽ = 0<br>▽ = 0<br>▽ = 0 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                            |  |                                    |
|   | NOTE 8 UPDATED<br>EC NO: 168043<br>DRWN: PKH<br>CHK'D: SS06<br>REV APPR: ISHWARG  | GENERAL TOLERANCES (UNLESS SPECIFIED)                |                            | DIMENSION UNITS                                  | SCALE                              |
|   |   |  |                            | MM/IN  | 1:1                                |
|   |   |  | MM                         | INCH   |                                    |
|   |   | 4 PLACES   | ±                          | ±  | DRWN BY: KSAMIEC DATE: 2011/03/22  |
|   |   | 3 PLACES   | ±                          | ± 0.015  | CHK'D BY: MKIPPER DATE: 2011/03/21 |
|   |   |  | 2 PLACES                   | ± 0.38   | ±                                  |
|   |   |  | 1 PLACES                   | ±  | ±                                  |
|   |   |  | 0 PLACES                   | ±  | ±                                  |
|   |   |  | ANGULAR TOL ± 0.5          |  | APPR BY: JCOMERCI DATE: 2011/09/30 |
|   |   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                            | DRAWING SIZE: B THIRD ANGLE PROJECTION           |                                    |
| RELEASE STATUS: P1  |   | RELEASE DATE: 17.11.2017 05:12:55                    |                            |  |                                    |
|   |   |  |                            | KK 100 HEADER ASSEMBLY<br>NON STANDARD OPTIONS   |                                    |
|   |   |  |                            | PRODUCT CUSTOMER DRAWING                         |                                    |
|   |   | SERIES: 4030   | MATERIAL NUMBER: SEE CHART | CUSTOMER: GENERAL MARKET                         |                                    |
|   |   | DOCUMENT NUMBER: SD-4030-0002                        |                            | DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 1 OF 5 |                                    |

E

|          |                    |          |                       |          |                       |          |                    |
|----------|--------------------|----------|-----------------------|----------|-----------------------|----------|--------------------|
| ASSY NO: | A-4030-NB(197)     | ASSY NO: | A-4030-NB(241)        | ASSY NO: | A-4030-NA(241)A       | ASSY NO: | A-4030-NF(197)     |
| PLATING: | 197 OVERALL TIN    | PLATING: | 241 SELECT GOLD 20 MI | PLATING: | 241 SELECT GOLD 20 MI | PLATING: | 197 OVERALL TIN    |
| DIM L:   | 17.53/.690         | DIM L:   | 17.53/.690            | DIM L:   | 14.22/.560            | DIM L:   | 21.34/.840         |
| DIM M:   | 11.05/.435         | DIM M:   | 11.05/.435            | DIM M:   | 7.49/.295             | DIM M:   | 14.22/.560         |
| GOLD:    | NA                 | GOLD:    | 5.08/.200             | GOLD:    | 3.56/.140             | GOLD:    | NA                 |
| DIM P:   | 3.18/.125          | DIM P:   | 3.18/.125             | DIM P:   | 3.43/.135             | DIM P:   | 3.81/.150          |
| TIN:     | OVERALL            | TIN:     | 3.43/.135             | TIN:     | 3.43/.135             | TIN:     | OVERALL            |
| PACK:    | PK-4030-001 (BULK) | PACK:    | PK-4030-001 (BULK)    | PACK:    | PK-44743-002 (TUBE)   | PACK:    | PK-4030-001 (BULK) |

D

| CKT | PART NO:   | ENGINEERING NO: | CKT | PART NO:   | ENGINEERING NO: | CKT | PART NO:   | ENGINEERING NO:  | CKT | PART NO:   | ENGINEERING NO: |
|-----|------------|-----------------|-----|------------|-----------------|-----|------------|------------------|-----|------------|-----------------|
| 02  | 22-03-2022 | A-4030-02B(197) | 02  | 22-10-2022 | A-4030-02B(241) | 02  | 22-47-9029 | A-4030-02A(241)A | 02  | 22-03-2026 | A-4030-02F(197) |
| 03  | 22-03-2032 | A-4030-03B(197) | 03  | 22-10-2032 | A-4030-03B(241) | 03  | 22-47-9039 | A-4030-03A(241)A | 03  | 22-03-2036 | A-4030-03F(197) |
| 04  | 22-03-2042 | A-4030-04B(197) | 04  | 22-10-2042 | A-4030-04B(241) | 04  | 22-47-9049 | A-4030-04A(241)A | 04  | 22-03-2046 | A-4030-04F(197) |
| 05  | 22-03-2052 | A-4030-05B(197) | 05  | 22-10-2052 | A-4030-05B(241) | 05  | 22-47-9059 | A-4030-05A(241)A | 05  | 22-03-2056 | A-4030-05F(197) |
| 06  | 22-03-2062 | A-4030-06B(197) | 06  | 22-10-2062 | A-4030-06B(241) | 06  | 22-47-9069 | A-4030-06A(241)A | 06  | 22-03-2066 | A-4030-06F(197) |
| 07  | 22-03-2072 | A-4030-07B(197) | 07  | 22-10-2072 | A-4030-07B(241) | 07  | 22-47-9079 | A-4030-07A(241)A | 07  | 22-03-2076 | A-4030-07F(197) |
| 08  | 22-03-2082 | A-4030-08B(197) | 08  | 22-10-2082 | A-4030-08B(241) | 08  | 22-47-9089 | A-4030-08A(241)A | 08  | 22-03-2086 | A-4030-08F(197) |
| 09  | 22-03-2092 | A-4030-09B(197) | 09  | 22-10-2092 | A-4030-09B(241) | 09  | 22-47-9099 | A-4030-09A(241)A | 09  | 22-03-2096 | A-4030-09F(197) |
| 10  | 22-03-2102 | A-4030-10B(197) | 10  | 22-10-2102 | A-4030-10B(241) | 10  | 22-47-9109 | A-4030-10A(241)A | 10  | 22-03-2106 | A-4030-10F(197) |
| 11  | 22-03-2112 | A-4030-11B(197) | 11  | 22-10-2112 | A-4030-11B(241) | 11  | 22-47-9119 | A-4030-11A(241)A | 11  | 22-03-2116 | A-4030-11F(197) |
| 12  | 22-03-2122 | A-4030-12B(197) | 12  | 22-10-2122 | A-4030-12B(241) | 12  | 22-47-9129 | A-4030-12A(241)A | 12  | 22-03-2126 | A-4030-12F(197) |
| 13  | 22-03-2132 | A-4030-13B(197) | 13  | 22-10-2132 | A-4030-13B(241) | 13  | 22-47-9139 | A-4030-13A(241)A | 13  | 22-03-2136 | A-4030-13F(197) |
| 14  | 22-03-2142 | A-4030-14B(197) | 14  | 22-10-2142 | A-4030-14B(241) | 14  | 22-47-9149 | A-4030-14A(241)A | 14  | 22-03-2146 | A-4030-14F(197) |
| 15  | 22-03-2152 | A-4030-15B(197) | 15  | 22-10-2152 | A-4030-15B(241) | 15  | 22-47-9159 | A-4030-15A(241)A | 15  | 22-03-2156 | A-4030-15F(197) |
| 16  | 22-03-2162 | A-4030-16B(197) | 16  | 22-10-2162 | A-4030-16B(241) | 16  | 22-47-9169 | A-4030-16A(241)A | 16  | 22-03-2166 | A-4030-16F(197) |

C

B

A

|                            |   |                                       |  |                 |                        |                    |  |  |  |  |  |
|----------------------------|---|---------------------------------------|--|-----------------|------------------------|--------------------|--|--|--|--|--|
| <b>QUALITY SYMBOLS</b><br> | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                       |  |                 |                        |                    |  |  |  |  |  |
|                            | NOTE 8 UPDATED<br>EC NO: 168043<br>DRWN: PKH<br>CHK'D: SS06<br>REV APPR: ISHWARG  | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION UNITS |                        | SCALE              |  |  |  |  |  |
|                            |   |                                       |  | MM/IN           |                        | 1:1                |  |  |  |  |  |
|                            |   |                                       |  | MM INCH         |                        | DRWN BY DATE       |  |  |  |  |  |
|                            |   | 4 PLACES ± ±                          |  | KSAMIEC         |                        | 2011/03/22         |  |  |  |  |  |
|                            |   | 3 PLACES ± ± 0.015                    |  | CHK'D BY DATE   |                        | MKIPPER 2011/03/21 |  |  |  |  |  |
|                            | 2 PLACES ± 0.38 ±   |                                       | APPR BY DATE   |                 | JCOMERCI 2011/09/30    |                    |  |  |  |  |  |
|                            | 1 PLACES ± ±  |                                       | DRAWING SIZE   |                 | THIRD ANGLE PROJECTION |                    | PRODUCT CUSTOMER DRAWING<br>SERIES: 4030 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET |  |  |  |  |
|                            | 0 PLACES ± ±  |                                       | B  |                 |                        |                    | DOCUMENT NUMBER: SD-4030-0002 DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 2 OF 5               |  |  |  |  |
|                            | ANGULAR TOL ± 0.5   |                                       | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                 |                        |                    |  |  |  |  |  |

|          |                    |                  |                    |            |                    |          |                    |                  |     |            |                  |
|----------|--------------------|------------------|--------------------|------------|--------------------|----------|--------------------|------------------|-----|------------|------------------|
| ASSY NO: | A-4030-NAB(197)    | ASSY NO:         | A-4030-NAF(197)    | ASSY NO:   | A-4030-NAH(197)    | ASSY NO: | A-4030-NBE(197)    |                  |     |            |                  |
| PLATING: | 197 OVERALL TIN    | PLATING:         | 197 OVERALL TIN    | PLATING:   | 197 OVERALL TIN    | PLATING: | 197 OVERALL TIN    |                  |     |            |                  |
| DIM L:   | 11.94/.470         | DIM L:           | 21.34/.840         | DIM L:     | 23.88/.940         | DIM L:   | 16.00/.630         |                  |     |            |                  |
| DIM M:   | 5.79/.228          | DIM M:           | 14.94/.588         | DIM M:     | 17.37/.684         | DIM M:   | 9.27/.365          |                  |     |            |                  |
| GOLD:    | NA                 | GOLD:            | NA                 | GOLD:      | NA                 | GOLD:    | NA                 |                  |     |            |                  |
| DIM P:   | 2.84/.112          | DIM P:           | 3.10/.122          | DIM P:     | 3.20/.126          | DIM P:   | 3.43/.135          |                  |     |            |                  |
| TIN:     | OVERALL TIN        | TIN:             | OVERALL TIN        | TIN:       | OVERALL TIN        | TIN:     | OVERALL TIN        |                  |     |            |                  |
| PACK:    | PK-4030-001 (BULK) | PACK:            | PK-4030-001 (BULK) | PACK:      | PK-4030-001 (BULK) | PACK:    | PK-4030-001 (BULK) |                  |     |            |                  |
| CKT      | PART NO:           | ENGINEERING NO:  | CKT                | PART NO:   | ENGINEERING NO:    | CKT      | PART NO:           | ENGINEERING NO:  | CKT | PART NO:   | ENGINEERING NO:  |
| 02       | 22-03-3021         | A-4030-02AB(197) | 02                 | 22-03-2023 | A-4030-02AF(197)   | 02       | 22-03-2028         | A-4030-02AH(197) | 02  | 22-03-2027 | A-4030-02BE(197) |
| 03       | 22-65-1030         | A-4030-03AB(197) | 03                 | 22-03-2033 | A-4030-03AF(197)   | 03       | 22-03-2038         | A-4030-03AH(197) | 03  | 22-03-2037 | A-4030-03BE(197) |
| 04       | 22-65-1040         | A-4030-04AB(197) | 04                 | 22-03-2043 | A-4030-04AF(197)   | 04       | 22-03-2048         | A-4030-04AH(197) | 04  | 22-03-2047 | A-4030-04BE(197) |
| 05       | 22-65-1050         | A-4030-05AB(197) | 05                 | 22-03-2053 | A-4030-05AF(197)   | 05       | 22-03-2058         | A-4030-05AH(197) | 05  | 22-03-2057 | A-4030-05BE(197) |
| 06       | 22-65-1060         | A-4030-06AB(197) | 06                 | 22-03-2063 | A-4030-06AF(197)   | 06       | 22-03-2068         | A-4030-06AH(197) | 06  | 22-03-2067 | A-4030-06BE(197) |
| 07       | 22-65-1070         | A-4030-07AB(197) | 07                 | 22-03-2073 | A-4030-07AF(197)   | 07       | 22-03-2078         | A-4030-07AH(197) | 07  | 22-03-2077 | A-4030-07BE(197) |
| 08       | 22-65-1080         | A-4030-08AB(197) | 08                 | 22-03-2083 | A-4030-08AF(197)   | 08       | 22-03-2088         | A-4030-08AH(197) | 08  | 22-03-2087 | A-4030-08BE(197) |
| 09       | 22-65-1090         | A-4030-09AB(197) | 09                 | 22-03-2093 | A-4030-09AF(197)   | 09       | 22-03-2098         | A-4030-09AH(197) | 09  | 22-03-2097 | A-4030-09BE(197) |
| 10       | 22-65-1100         | A-4030-10AB(197) | 10                 | 22-03-2103 | A-4030-10AF(197)   | 10       | 22-03-2108         | A-4030-10AH(197) | 10  | 22-03-2107 | A-4030-10BE(197) |
| 11       | 22-65-1110         | A-4030-11AB(197) | 11                 | 22-03-2113 | A-4030-11AF(197)   | 11       | 22-03-2118         | A-4030-11AH(197) | 11  | 22-03-2117 | A-4030-11BE(197) |
| 12       | 22-65-1120         | A-4030-12AB(197) | 12                 | 22-03-2123 | A-4030-12AF(197)   | 12       | 22-03-2128         | A-4030-12AH(197) | 12  | 22-03-2127 | A-4030-12BE(197) |
| 13       | 22-65-1130         | A-4030-13AB(197) | 13                 | 22-03-2133 | A-4030-13AF(197)   | 13       | 22-03-2138         | A-4030-13AH(197) | 13  | 22-03-2137 | A-4030-13BE(197) |
| 14       | 22-65-1140         | A-4030-14AB(197) | 14                 | 22-03-2143 | A-4030-14AF(197)   | 14       | 22-03-2148         | A-4030-14AH(197) | 14  | 22-03-2147 | A-4030-14BE(197) |
| 15       | 22-65-1150         | A-4030-15AB(197) | 15                 | 22-03-2153 | A-4030-15AF(197)   | 15       | 22-03-2158         | A-4030-15AH(197) | 15  | 22-03-2157 | A-4030-15BE(197) |
| 16       | 22-65-1160         | A-4030-16AB(197) | 16                 | 22-03-2163 | A-4030-16AF(197)   | 16       | 22-03-2168         | A-4030-16AH(197) | 16  | 22-03-2167 | A-4030-16BE(197) |

|                            |   |  |         |                 |  |                        |  |  |  |                       |  |                |  |
|----------------------------|---|--|---------|-----------------|--|------------------------|--|--|--|-----------------------|--|----------------|--|
| <b>QUALITY SYMBOLS</b><br> | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |         |                 |  |                        |  |  |  |                       |  |                |  |
|                            | <b>NOTE 8 UPDATED</b><br>EC NO: 168043<br>DRWN: PKH<br>CHK'D: SS06<br>REV APPR: ISHWARG<br><b>CK2</b>   | GENERAL TOLERANCES (UNLESS SPECIFIED)                |         | DIMENSION UNITS |  | SCALE                  |  |  |  |                       |  |                |  |
|                            |   | MM   | INCH    | MM/IN           |  | 1:1                    |  |  |  |                       |  |                |  |
|                            |   | 4 PLACES ±   | ±       | DRWN BY         |  | DATE                   |  | KK 100 HEADER ASSEMBLY<br>NON STANDARD OPTIONS |  |                       |  |                |  |
|                            |   | 3 PLACES ±   | ± 0.015 | KSAMIEC         |  | 2011/03/22             |  |  |  |                       |  |                |  |
|                            |   | 2 PLACES ±   | ± 0.38  | CHK'D BY        |  | DATE                   |  |  |  |                       |  |                |  |
|                            |   | 1 PLACES ±   | ±       | MKIPPER         |  | 2011/03/21             |  | PRODUCT CUSTOMER DRAWING                       |  |                       |  |                |  |
|                            |   | 0 PLACES ±   | ±       | APPR BY         |  | DATE                   |  |  |  |                       |  |                |  |
|                            |   | ANGULAR TOL ± 0.5                                    |         | DRAWING SIZE    |  | THIRD ANGLE PROJECTION |  | SERIES   |  | MATERIAL NUMBER       |  | CUSTOMER       |  |
|                            |   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |         | B               |  |                        |  | 4030   |  | SEE CHART             |  | GENERAL MARKET |  |
|                            |   |  |         |                 |  | DOCUMENT NUMBER        |  | DOC TYPE                                       |  | DOC PART SHEET NUMBER |  |                |  |
|                            |   |  |         |                 |  | SD-4030-0002           |  | PSD  |  | 001 3 OF 5            |  |                |  |

E

D

C

B

A

|          |                    |                  |                    |            |                    |          |                    |                  |    |            |                  |
|----------|--------------------|------------------|--------------------|------------|--------------------|----------|--------------------|------------------|----|------------|------------------|
| ASSY NO: | A-4030-NBJ(197)    | ASSY NO:         | A-4030-NBP(197)    | ASSY NO:   | A-4030-NEL(197)    | ASSY NO: | A-4030-NJH(222)    |                  |    |            |                  |
| PLATING: | 197 OVERALL TIN    | PLATING:         | 197 OVERALL TIN    | PLATING:   | 197 OVERALL TIN    | PLATING: | 222 OVERALL TIN    |                  |    |            |                  |
| DIM L:   | 17.53/.690         | DIM L:           | 24.38/.960         | DIM L:     | 14.99/.590         | DIM L:   | 11.56/.455         |                  |    |            |                  |
| DIM M:   | 7.49/.295          | DIM M:           | 18.03/.710         | DIM M:     | 8.26/.325          | DIM M:   | 4.88/.192          |                  |    |            |                  |
| GOLD:    | NA                 | GOLD:            | NA                 | GOLD:      | NA                 | GOLD:    | NA                 |                  |    |            |                  |
| DIM P:   | 6.73/.265          | DIM P:           | 3.05/.120          | DIM P:     | 3.43/.135          | DIM P:   | 3.38/.133          |                  |    |            |                  |
| TIN:     | OVERALL TIN        | TIN:             | OVERALL TIN        | TIN:       | OVERALL TIN        | TIN:     | OVERALL TIN        |                  |    |            |                  |
| PACK:    | PK-4030-001 (BULK) | PACK:            | PK-4030-001 (BULK) | PACK:      | PK-4030-001 (BULK) | PACK:    | PK-4030-001 (BULK) |                  |    |            |                  |
| CKT      | PART NO:           | ENGINEERING NO:  | CKT                | PART NO:   | ENGINEERING NO:    | CKT      | PART NO:           | ENGINEERING NO:  |    |            |                  |
| 02       | 22-03-5027         | A-4030-02BJ(197) | 02                 | 22-03-5023 | A-4030-02BP(197)   | 02       | 22-47-2029         | A-4030-02EL(197) | 02 | 50-29-1613 | A-4030-02JH(222) |
| 03       | 22-03-5037         | A-4030-03BJ(197) | 03                 | 22-03-5033 | A-4030-03BP(197)   | 03       | 22-47-2039         | A-4030-03EL(197) | 03 |            | A-4030-03JH(222) |
| 04       | 22-03-5047         | A-4030-04BJ(197) | 04                 | 22-03-5043 | A-4030-04BP(197)   | 04       | 22-47-2049         | A-4030-04EL(197) | 04 |            | A-4030-04JH(222) |
| 05       | 22-03-5057         | A-4030-05BJ(197) | 05                 | 22-03-5053 | A-4030-05BP(197)   | 05       | 22-47-2059         | A-4030-05EL(197) | 05 |            | A-4030-05JH(222) |
| 06       | 22-03-5067         | A-4030-06BJ(197) | 06                 | 22-03-5063 | A-4030-06BP(197)   | 06       | 22-47-2069         | A-4030-06EL(197) | 06 |            | A-4030-06JH(222) |
| 07       | 22-03-5077         | A-4030-07BJ(197) | 07                 | 22-03-5073 | A-4030-07BP(197)   | 07       | 22-47-2079         | A-4030-07EL(197) | 07 |            | A-4030-07JH(222) |
| 08       | 22-03-5087         | A-4030-08BJ(197) | 08                 | 22-03-5083 | A-4030-08BP(197)   | 08       | 22-47-2089         | A-4030-08EL(197) | 08 |            | A-4030-08JH(222) |
| 09       | 22-03-5097         | A-4030-09BJ(197) | 09                 | 22-03-5093 | A-4030-09BP(197)   | 09       | 22-47-2099         | A-4030-09EL(197) | 09 |            | A-4030-09JH(222) |
| 10       | 22-03-5107         | A-4030-10BJ(197) | 10                 | 22-03-5103 | A-4030-10BP(197)   | 10       | 22-47-2109         | A-4030-10EL(197) | 10 |            | A-4030-10JH(222) |
| 11       | 22-03-5117         | A-4030-11BJ(197) | 11                 | 22-03-5113 | A-4030-11BP(197)   | 11       | 22-47-2119         | A-4030-11EL(197) | 11 |            | A-4030-11JH(222) |
| 12       | 22-03-5127         | A-4030-12BJ(197) | 12                 | 22-03-5123 | A-4030-12BP(197)   | 12       | 22-47-2129         | A-4030-12EL(197) | 12 |            | A-4030-12JH(222) |
| 13       | 22-03-5137         | A-4030-13BJ(197) | 13                 | 22-03-5133 | A-4030-13BP(197)   | 13       | 22-47-2139         | A-4030-13EL(197) | 13 |            | A-4030-13JH(222) |
| 14       | 22-03-5147         | A-4030-14BJ(197) | 14                 | 22-03-5143 | A-4030-14BP(197)   | 14       | 22-47-2149         | A-4030-14EL(197) | 14 |            | A-4030-14JH(222) |
| 15       | 22-03-5157         | A-4030-15BJ(197) | 15                 | 22-03-5153 | A-4030-15BP(197)   | 15       | 22-47-2159         | A-4030-15EL(197) | 15 |            | A-4030-15JH(222) |
| 16       | 22-03-5167         | A-4030-16BJ(197) | 16                 | 22-03-5163 | A-4030-16BP(197)   | 16       | 22-47-2169         | A-4030-16EL(197) | 16 |            | A-4030-16JH(222) |

|                            |   |  |         |                 |                        |   |  |  |  |  |  |
|----------------------------|---|--|---------|-----------------|------------------------|---|--|--|--|--|--|
| <b>QUALITY SYMBOLS</b><br> | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |         |                 |                        |   |  |  |  |  |  |
|                            | NOTE 8 UPDATED<br>EC NO: 168043<br>DRWN: PKH<br>CHK'D: SS06<br>REV APPR: ISHWARG<br>2017/11/02<br>2017/11/13<br>2017/11/17                    | GENERAL TOLERANCES (UNLESS SPECIFIED)                |         | DIMENSION UNITS | SCALE                  |   |  |  |  |  |  |
|                            |   | MM   | INCH    | MM/IN           | 1:1                    |   |  |  |  |  |  |
|                            |   | 4 PLACES ±   | ±       | DRWN BY         | DATE                   | KK 100 HEADER ASSEMBLY<br>NON STANDARD OPTIONS                                |  |  |  |  |  |
|                            |   | 3 PLACES ±   | ± 0.015 | KSAMIEC         | 2011/03/22             |   |  |  |  |  |  |
|                            |   | 2 PLACES ± 0.38                                      | ±       | CHK'D BY        | DATE                   | PRODUCT CUSTOMER DRAWING  |  |  |  |  |  |
|                            |   | 1 PLACES ±   | ±       | MKIPPER         | 2011/03/21             |   |  |  |  |  |  |
|                            |   | 0 PLACES ±   | ±       | APPR BY         | DATE                   | SERIES MATERIAL NUMBER CUSTOMER<br>4030 SEE CHART GENERAL MARKET              |  |  |  |  |  |
|                            |   | ANGULAR TOL ± 0.5                                    | ±       | JCOMERCI        | 2011/09/30             |   |  |  |  |  |  |
|                            |   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |         | DRAWING SIZE    | THIRD ANGLE PROJECTION | DOCUMENT NUMBER DOC TYPE DOC PART SHEET NUMBER<br>SD-4030-0002 PSD 001 4 OF 5 |  |  |  |  |  |
|                            |   | B  |         |                 |                        |   |  |  |  |  |  |

E

D

C

B

A

|          |                     |                  |                       |            |                 |          |  |
|----------|---------------------|------------------|-----------------------|------------|-----------------|----------|--|
| ASSY NO: | A-4030-NA(197)A     | ASSY NO:         | A-4030-NF(241)        | ASSY NO:   |                 | ASSY NO: |  |
| PLATING: | 197 OVERALL TIN     | PLATING:         | 241 SELECT GOLD 20 MI | PLATING:   |                 | PLATING: |  |
| DIM L:   | 14.22/.560          | DIM L:           | 21.34/.840            | DIM L:     |                 | DIM L:   |  |
| DIM M:   | 7.49/.295           | DIM M:           | 14.22/.560            | DIM M:     |                 | DIM M:   |  |
| GOLD:    | NA                  | GOLD:            | 5.08/.200             | GOLD:      |                 | GOLD:    |  |
| DIM P:   | 3.43/.135           | DIM P:           | 3.81/.150             | DIM P:     |                 | DIM P:   |  |
| TIN:     | OVERALL TIN         | TIN:             | 5.08/.200             | TIN:       |                 | TIN:     |  |
| PACK:    | PK-44743-002 (TUBE) | PACK:            | PK-4030-001 (BULK)    | PACK:      |                 | PACK:    |  |
| CKT      | PART NO:            | ENGINEERING NO:  | CKT                   | PART NO:   | ENGINEERING NO: | CKT      |  |
| 02       | 22-47-4023          | A-4030-02A(197)A | 02                    | 22-10-2024 | A-4030-02F(241) | 02       |  |
| 03       | 22-47-4033          | A-4030-03A(197)A | 03                    | 22-10-2034 | A-4030-03F(241) | 03       |  |
| 04       | 22-47-4043          | A-4030-04A(197)A | 04                    | 22-10-2044 | A-4030-04F(241) | 04       |  |
| 05       | 22-47-4053          | A-4030-05A(197)A | 05                    | 22-10-2054 | A-4030-05F(241) | 05       |  |
| 06       | 22-47-4063          | A-4030-06A(197)A | 06                    | 22-10-2064 | A-4030-06F(241) | 06       |  |
| 07       | 22-47-4073          | A-4030-07A(197)A | 07                    | 22-10-2074 | A-4030-07F(241) | 07       |  |
| 08       | 22-47-4083          | A-4030-08A(197)A | 08                    | 22-10-2084 | A-4030-08F(241) | 08       |  |
| 09       | 22-47-4093          | A-4030-09A(197)A | 09                    | 22-10-2094 | A-4030-09F(241) | 09       |  |
| 10       | 22-47-4103          | A-4030-10A(197)A | 10                    | 22-10-2104 | A-4030-10F(241) | 10       |  |
| 11       | 22-47-4113          | A-4030-11A(197)A | 11                    | 22-10-2114 | A-4030-11F(241) | 11       |  |
| 12       | 22-47-4123          | A-4030-12A(197)A | 12                    | 22-10-2124 | A-4030-12F(241) | 12       |  |
| 13       | 22-47-4133          | A-4030-13A(197)A | 13                    | 22-10-2134 | A-4030-13F(241) | 13       |  |
| 14       | 22-47-4143          | A-4030-14A(197)A | 14                    | 22-10-2144 | A-4030-14F(241) | 14       |  |
| 15       | 22-47-4153          | A-4030-15A(197)A | 15                    | 22-10-2154 | A-4030-15F(241) | 15       |  |
| 16       | 22-47-4163          | A-4030-16A(197)A | 16                    | 22-10-2164 | A-4030-16F(241) | 16       |  |

|  |   |                                       |                 |                   |                            |                                 |                           |              |                    |   |  |  |  |        |                 |          |      |           |                |                 |          |          |              |              |     |     |        |
|--|---|---------------------------------------|-----------------|-------------------|----------------------------|---------------------------------|---------------------------|--------------|--------------------|---|--|--|--|--------|-----------------|----------|------|-----------|----------------|-----------------|----------|----------|--------------|--------------|-----|-----|--------|
| <b>QUALITY SYMBOLS</b><br>                           | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                       |                 |                   |                            |                                 |                           |              |                    |   |  |  |  |        |                 |          |      |           |                |                 |          |          |              |              |     |     |        |
|  | NOTE 8 UPDATED<br>EC NO: 168043<br>DRWN: PKH<br>CHK'D: SS06<br>REV APPR: ISHWARG  | GENERAL TOLERANCES (UNLESS SPECIFIED) |                 |                   |                            | DIMENSION UNITS<br><b>MM/IN</b> |                           | SCALE<br>1:1 |                    | <p><b>KK 100 HEADER ASSEMBLY<br/>NON STANDARD OPTIONS</b></p> <p><b>PRODUCT CUSTOMER DRAWING</b></p> <table border="1"> <tr> <td>SERIES</td> <td>MATERIAL NUMBER</td> <td>CUSTOMER</td> </tr> <tr> <td>4030</td> <td>SEE CHART</td> <td>GENERAL MARKET</td> </tr> <tr> <td>DOCUMENT NUMBER</td> <td>DOC TYPE</td> <td>DOC PART</td> <td>SHEET NUMBER</td> </tr> <tr> <td>SD-4030-0002</td> <td>PSD</td> <td>001</td> <td>5 OF 5</td> </tr> </table> |  |  |  | SERIES | MATERIAL NUMBER | CUSTOMER | 4030 | SEE CHART | GENERAL MARKET | DOCUMENT NUMBER | DOC TYPE | DOC PART | SHEET NUMBER | SD-4030-0002 | PSD | 001 | 5 OF 5 |
|  |   | SERIES                                | MATERIAL NUMBER | CUSTOMER          |                            |                                 |                           |              |                    |   |  |  |  |        |                 |          |      |           |                |                 |          |          |              |              |     |     |        |
|  |   | 4030                                  | SEE CHART       | GENERAL MARKET    |                            |                                 |                           |              |                    |   |  |  |  |        |                 |          |      |           |                |                 |          |          |              |              |     |     |        |
|  |   | DOCUMENT NUMBER                       | DOC TYPE        | DOC PART          | SHEET NUMBER               |                                 |                           |              |                    |   |  |  |  |        |                 |          |      |           |                |                 |          |          |              |              |     |     |        |
|  |   | SD-4030-0002                          | PSD             | 001               | 5 OF 5                     |                                 |                           |              |                    |   |  |  |  |        |                 |          |      |           |                |                 |          |          |              |              |     |     |        |
|  | 4 PLACES ±  |                                       | MM              |                   | INCH                       |                                 | DRWN BY<br><b>KSAMIEC</b> |              | DATE<br>2011/03/22 |   |  |  |  |        |                 |          |      |           |                |                 |          |          |              |              |     |     |        |
|  | 3 PLACES ±  |                                       | ± 0.015         |                   | CHK'D BY<br><b>MKIPPER</b> |                                 | DATE<br>2011/03/21        |              |                    |   |  |  |  |        |                 |          |      |           |                |                 |          |          |              |              |     |     |        |
|  | 2 PLACES ±  |                                       | 0.38            |                   | APPR BY<br><b>JCOMERCI</b> |                                 | DATE<br>2011/09/30        |              |                    |   |  |  |  |        |                 |          |      |           |                |                 |          |          |              |              |     |     |        |
|  | 1 PLACES ±  |                                       | ±               |                   | DRAWING SIZE<br><b>B</b>   |                                 | THIRD ANGLE PROJECTION    |              |                    |   |  |  |  |        |                 |          |      |           |                |                 |          |          |              |              |     |     |        |
| 0 PLACES ±   |   | ±                                     |                 | ANGULAR TOL ± 0.5 |                            |                                 |                           |              |                    |   |  |  |  |        |                 |          |      |           |                |                 |          |          |              |              |     |     |        |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |   |                                       |                 |                   |                            |                                 |                           |              |                    |   |  |  |  |        |                 |          |      |           |                |                 |          |          |              |              |     |     |        |

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