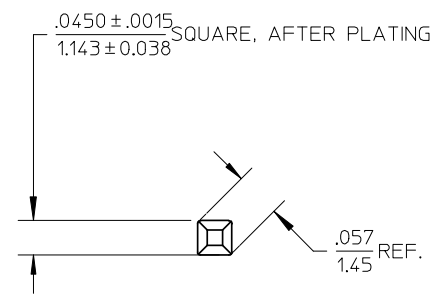
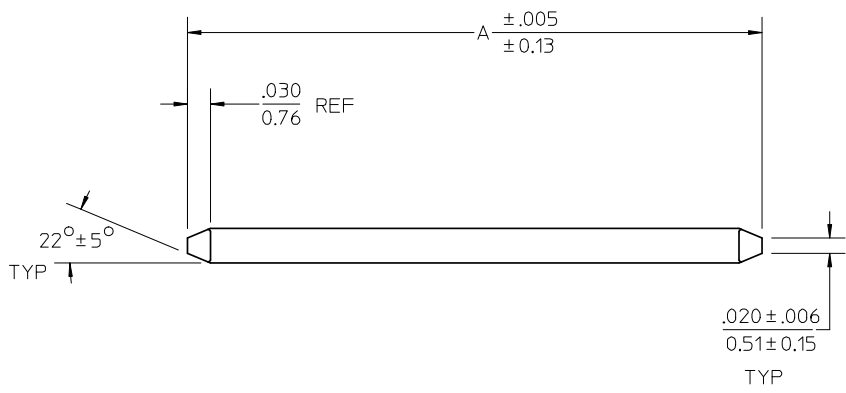


| 6 | | 5 | | 4 | | 3 | | 2 | | 1 | |
|-----|----------------|-----|----------------|-----|----------------|-----|-------|-----|-------|-----|-------|
| NO. | DIM A | NO. | DIM A | NO. | DIM A | NO. | DIM A | NO. | DIM A | NO. | DIM A |
| 1 | .750 19.05 | 36 | 1.200 30.48 | 90 | .545 13.84 | | | | | | |
| 3 | .937 23.80 | 37 | 1.100 27.94 | 91 | .560 14.22 | | | | | | |
| 4 | .500 12.70 | 38 | 1.500 38.10 | 92 | .575 14.61 | | | | | | |
| 5 | 1.375 34.93 | 40 | 1.900 48.26 | 93 | .610 15.49 | | | | | | |
| 6 | 2.000 50.80 | 41 | 1.270 32.26 | 94 | .720 18.29 | | | | | | |
| 7 | 1.562 39.67 | 45 | .821 20.85 | 96 | 1.531 38.89 | | | | | | |
| 10 | .437 11.10 | 48 | 1.625 41.28 | 99 | 1.781 45.24 | | | | | | |
| 11 | 1.750 44.45 | 51 | .325 8.26 | | | | | | | | |
| 12 | 1.437 36.50 | 52 | 1.063 27.00 | | | | | | | | |
| 13 | 1.670 42.42 | 53 | .250 6.35 | | | | | | | | |
| 14 | .380 9.65 | 56 | .703 17.86 | | | | | | | | |
| 15 | .625 15.88 | 61 | 1.406 35.71 | | | | | | | | |
| 16 | 1.000 25.40 | 62 | .980 24.89 | | | | | | | | |
| 18 | 1.312 33.32 | 63 | .960 24.38 | | | | | | | | |
| 19 | 1.032 26.21 | 64 | 1.175 29.85 | | | | | | | | |
| 20 | 1.812 46.02 | 65 | .894 22.71 | | | | | | | | |
| 21 | 1.125 28.58 | 66 | 1.150 29.21 | | | | | | | | |
| 22 | 1.250 31.75 | 67 | .736 18.69 | | | | | | | | |
| 23 | 1.230 31.24 | 68 | 1.342 34.09 | | | | | | | | |
| 24 | .800 20.32 | 69 | .775 19.69 | | | | | | | | |
| 26 | .875 22.23 | 70 | .915 23.24 | | | | | | | | |
| 28 | 1.710 43.43 | 71 | .472 11.99 | | | | | | | | |
| 30 | .650 16.51 | 75 | .667 16.94 | | | | | | | | |
| 35 | .687 17.45 | 89 | .530 13.46 | | | | | | | | |

- NOTES:
1. MATERIAL: BRASS 260.
 2. FINISH:
 - 102 - TIN: .000200/0.00508 MIN. OVER COPPER
 - 154 - TIN: .000100/0.00254 MIN. OVER NICKEL
 - 501 - GOLD: .000020/0.00051 MIN. OVER NICKEL
 3. PRODUCT SPECIFICATION: NONE
 4. DIMENSIONS ARE GIVEN BEFORE PLATING UNLESS OTHERWISE SPECIFIED.
 5. SOLDERABILITY SPECIFICATION: SMES-152 AFTER PLATING
 6. CAMBER SPECIFICATION: .005 MM/MM OR .005 IN/IN MAX
 7. BURR SPECIFICATION: ES-151
 8. RECOMMENDED PCB HOLE SPECIFICATION FOR PRESS FIT PINS: .062±.005 / 1.57±0.13 THK PCB
 - PUNCHED HOLES: .050±.002 / 1.27±0.05
 - DRILLED HOLES: .0535±.0015 / 1.359±0.038
 - PLATED THRU HOLES: .0525±.0025 / 1.334±0.064
 9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



| | |
|-------|-----|
| 2-* | AH2 |
| 1 | AH2 |
| SHEET | REV |

| | | | | | | | | | | |
|---|-------------------------------|--|------------|-----------------|-------------|---|------------------------|------------------------|--|--|
| ADD P/N TO SHT 6 EC NO: UCP2008-3117 DRWN: GAVRILL 2008/06/25 CHKD: AELHAG 2008/07/01 APPR: FSMITH 2008/07/01 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | | |
| | | | | IN/MM | | 4:1 | INCH | KK .045 SQ PIN LOOSE | | |
| | | 4 PLACES | ± --- | ± --- | DRAWN BY | DATE | MATERIAL NO. SEE CHART | | | |
| | | 3 PLACES | ± --- | ± --- | SAMIEC | 2004/02/27 | | | | |
| 2 PLACES | ± --- | ± --- | CHECKED BY | DATE | TITLE | | MOLEX INCORPORATED | | | |
| 1 PLACE | ± --- | ± --- | SAMIEC | 2004/02/27 | SD-2161-001 | | | | | |
| ANGULAR ±1/2° | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY | | DATE | SHEET NO. | | | |
| | | | | MARGULIS | | 2004/02/27 | 1 OF * | | | |
| | | | | SIZE | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |
| | | | | A | | | | | | |

| GOLD | | | |
|-----------|--------------|-----------|--------------|
| PART NO: | ENG NO: | PART NO: | ENG NO: |
| 008560401 | 2161-1(501) | 008560438 | 2161-38(501) |
| 008560403 | 2161-3(501) | 008560440 | 2161-40(501) |
| 008560404 | 2161-4(501) | 008560441 | 2161-41(501) |
| 008560405 | 2161-5(501) | 008560450 | 2161-45(501) |
| 008560406 | 2161-6(501) | | 2161-48(501) |
| 008560407 | 2161-7(501) | | 2161-51(501) |
| 008560410 | 2161-10(501) | 008560452 | 2161-52(501) |
| 008560411 | 2161-11(501) | | 2161-53(501) |
| 008560412 | 2161-12(501) | 008560492 | 2161-61(501) |
| 008560413 | 2161-13(501) | 008560488 | 2161-62(501) |
| 008560414 | 2161-14(501) | | 2161-63(501) |
| 008560415 | 2161-15(501) | 008560497 | 2161-64(501) |
| 008560416 | 2161-16(501) | 008560457 | 2161-65(501) |
| 008560418 | 2161-18(501) | | 2161-66(501) |
| 008560419 | 2161-19(501) | | 2161-67(501) |
| 008560420 | 2161-20(501) | | 2161-68(501) |
| 008560421 | 2161-21(501) | 008560469 | 2161-69(501) |
| 008560422 | 2161-22(501) | | 2161-70(501) |
| 008560423 | 2161-23(501) | | 2161-71(501) |
| 008560424 | 2161-24(501) | | 2161-89(501) |
| 008560426 | 2161-26(501) | | 2161-91(501) |
| 008560428 | 2161-28(501) | 008560400 | 2161-92(501) |
| 008560430 | 2161-30(501) | | 2161-93(501) |
| 008560435 | 2161-35(501) | 008560499 | 2161-94(501) |
| 008560436 | 2161-36(501) | 008560490 | 2161-96(501) |
| 008560437 | 2161-37(501) | | 2161-99(501) |
| | | | |
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| TIN | | | |
|-----------|--------------|-----------|--------------|
| PART NO: | ENG NO: | PART NO: | ENG NO: |
| 008590401 | 2161-1(122) | | 2161-38(122) |
| 008590403 | 2161-3(122) | | 2161-40(122) |
| | 2161-4(122) | | 2161-41(122) |
| | 2161-5(122) | | 2161-45(122) |
| | 2161-6(122) | | 2161-48(122) |
| | 2161-7(122) | | 2161-51(122) |
| | 2161-10(122) | | 2161-52(122) |
| | 2161-11(122) | | 2161-53(122) |
| | 2161-12(122) | | 2161-61(122) |
| | 2161-13(122) | | 2161-62(122) |
| 008590414 | 2161-14(122) | | 2161-63(122) |
| | 2161-15(122) | 008590464 | 2161-64(122) |
| 008590416 | 2161-16(122) | | 2161-65(122) |
| | 2161-18(122) | | 2161-66(122) |
| 008590419 | 2161-19(122) | | 2161-67(122) |
| | 2161-20(122) | | 2161-68(122) |
| | 2161-21(122) | | 2161-69(122) |
| | 2161-22(122) | | 2161-70(122) |
| 008590423 | 2161-23(122) | | 2161-71(122) |
| | 2161-24(122) | 008590489 | 2161-89(122) |
| | 2161-26(122) | 008500468 | 2161-91(122) |
| | 2161-28(122) | | 2161-92(122) |
| 008590430 | 2161-30(122) | | 2161-93(122) |
| | 2161-35(122) | 008590494 | 2161-94(122) |
| 008590436 | 2161-36(122) | | 2161-96(122) |
| 008590437 | 2161-37(122) | | 2161-99(122) |
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|---|--|---|------------------------------|
| REV: AH2 | ECR/ECN INFORMATION: EC No.: UCP2008-3117 DATE: 7/1/2008 | TITLE: KK .045 SQ PIN LOOSE | SHEET No. - 3 - |
| DOCUMENT NUMBER: SD- 2161-001 | | CREATED / REVISED BY: GAVERRILL | CHECKED BY: AELHAG |
| | | APPROVED BY: FSMITH | |

| GOLD | | | |
|-----------|--------------|-----------|--------------|
| PART NO: | ENG NO: | PART NO: | ENG NO: |
| 008560501 | 2161-1(503) | | 2161-38(503) |
| 008560503 | 2161-3(503) | | 2161-40(503) |
| | 2161-4(503) | | 2161-41(503) |
| | 2161-5(503) | 008560545 | 2161-45(503) |
| | 2161-6(503) | | 2161-48(503) |
| | 2161-7(503) | | 2161-51(503) |
| | 2161-10(503) | 008560552 | 2161-52(503) |
| | 2161-11(503) | | 2161-53(503) |
| 008560512 | 2161-12(503) | | 2161-61(503) |
| | 2161-13(503) | | 2161-62(503) |
| | 2161-14(503) | | 2161-63(503) |
| 008560515 | 2161-15(503) | 008560564 | 2161-64(503) |
| 008560516 | 2161-16(503) | | 2161-65(503) |
| | 2161-18(503) | | 2161-66(503) |
| 008560519 | 2161-19(503) | | 2161-67(503) |
| | 2161-20(503) | 008560568 | 2161-68(503) |
| 008560521 | 2161-21(503) | | 2161-69(503) |
| | 2161-22(503) | | 2161-70(503) |
| 008560525 | 2161-23(503) | | 2161-71(503) |
| | 2161-24(503) | 008560589 | 2161-89(503) |
| | 2161-26(503) | | 2161-91(503) |
| | 2161-28(503) | | 2161-92(503) |
| 008560530 | 2161-30(503) | | 2161-93(503) |
| | 2161-35(503) | 008560594 | 2161-94(503) |
| 008560536 | 2161-36(503) | | 2161-96(503) |
| 008560537 | 2161-37(503) | | 2161-99(503) |
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| GOLD | | | |
|-----------|--------------|-----------|--------------|
| PART NO: | ENG NO: | PART NO: | ENG NO: |
| 008560801 | 2161-1(505) | | 2161-38(505) |
| | 2161-3(505) | | 2161-40(505) |
| | 2161-4(505) | | 2161-41(505) |
| 008560805 | 2161-5(505) | | 2161-45(505) |
| | 2161-6(505) | | 2161-48(505) |
| | 2161-7(505) | | 2161-51(505) |
| | 2161-10(505) | 008560852 | 2161-52(505) |
| | 2161-11(505) | | 2161-53(505) |
| | 2161-12(505) | | 2161-61(505) |
| | 2161-13(505) | | 2161-62(505) |
| | 2161-14(505) | | 2161-63(505) |
| | 2161-15(505) | 008560864 | 2161-64(505) |
| 008560816 | 2161-16(505) | | 2161-65(505) |
| | 2161-18(505) | 008560866 | 2161-66(505) |
| | 2161-19(505) | | 2161-67(505) |
| | 2161-20(505) | | 2161-68(505) |
| | 2161-21(505) | | 2161-69(505) |
| | 2161-22(505) | | 2161-70(505) |
| | 2161-23(505) | | 2161-71(505) |
| | 2161-24(505) | | 2161-89(505) |
| | 2161-26(505) | | 2161-91(505) |
| | 2161-28(505) | | 2161-92(505) |
| | 2161-30(505) | | 2161-93(505) |
| | 2161-35(505) | | 2161-94(505) |
| 008560836 | 2161-36(505) | | 2161-96(505) |
| 008560837 | 2161-37(505) | | 2161-99(505) |
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|---|--|---|------------------------------|
| REV: AH2 | ECR/ECN INFORMATION: EC No.: UCP2008-3117 DATE: 7/1/2008 | TITLE: KK .045 SQ PIN LOOSE | SHEET No. - 4 - |
| DOCUMENT NUMBER: SD- 2161-001 | | CREATED / REVISED BY: GAVERRILL | CHECKED BY: AELHAG |
| | | APPROVED BY: FSMITH | |

| GOLD | | | |
|-----------|--------------|-----------|--------------|
| PART NO: | ENG NO: | PART NO: | ENG NO: |
| | 2161-1(507) | | 2161-38(507) |
| | 2161-3(507) | | 2161-40(507) |
| | 2161-4(507) | | 2161-41(507) |
| 008560465 | 2161-5(507) | | 2161-45(507) |
| | 2161-6(507) | | 2161-48(507) |
| | 2161-7(507) | | 2161-51(507) |
| | 2161-10(507) | 008560495 | 2161-52(507) |
| | 2161-11(507) | | 2161-53(507) |
| | 2161-12(507) | | 2161-61(507) |
| | 2161-13(507) | | 2161-62(507) |
| | 2161-14(507) | | 2161-63(507) |
| | 2161-15(507) | | 2161-64(507) |
| | 2161-16(507) | | 2161-65(507) |
| | 2161-18(507) | | 2161-66(507) |
| | 2161-19(507) | | 2161-67(507) |
| | 2161-20(507) | | 2161-68(507) |
| | 2161-21(507) | | 2161-69(507) |
| | 2161-22(507) | | 2161-70(507) |
| | 2161-23(507) | | 2161-71(507) |
| | 2161-24(507) | | 2161-89(507) |
| | 2161-26(507) | | 2161-91(507) |
| | 2161-28(507) | | 2161-92(507) |
| | 2161-30(507) | | 2161-93(507) |
| | 2161-35(507) | | 2161-94(507) |
| 008560496 | 2161-36(507) | | 2161-96(507) |
| | 2161-37(507) | | 2161-99(507) |
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| GOLD | | | |
|-----------|--------------|----------|--------------|
| PART NO: | ENG NO: | PART NO: | ENG NO: |
| 008580401 | 2161-1(516) | | 2161-38(516) |
| | 2161-3(516) | | 2161-40(516) |
| | 2161-4(516) | | 2161-41(516) |
| | 2161-5(516) | | 2161-45(516) |
| | 2161-6(516) | | 2161-48(516) |
| | 2161-7(516) | | 2161-51(516) |
| | 2161-10(516) | | 2161-52(516) |
| | 2161-11(516) | | 2161-53(516) |
| | 2161-12(516) | | 2161-61(516) |
| | 2161-13(516) | | 2161-62(516) |
| | 2161-14(516) | | 2161-63(516) |
| | 2161-15(516) | | 2161-64(516) |
| | 2161-16(516) | | 2161-65(516) |
| | 2161-18(516) | | 2161-66(516) |
| | 2161-19(516) | | 2161-67(516) |
| | 2161-20(516) | | 2161-68(516) |
| | 2161-21(516) | | 2161-69(516) |
| | 2161-22(516) | | 2161-70(516) |
| | 2161-23(516) | | 2161-71(516) |
| | 2161-24(516) | | 2161-89(516) |
| | 2161-26(516) | | 2161-91(516) |
| | 2161-28(516) | | 2161-92(516) |
| | 2161-30(516) | | 2161-93(516) |
| | 2161-35(516) | | 2161-94(516) |
| | 2161-36(516) | | 2161-96(516) |
| | 2161-37(516) | | 2161-99(516) |
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|---|--|---|------------------------------|
| REV: AH2 | ECR/ECN INFORMATION: EC No.: UCP2008-3117 DATE: 7/1/2008 | TITLE: KK .045 SQ PIN LOOSE | SHEET No. - 5 - |
| DOCUMENT NUMBER: SD- 2161-001 | | CREATED / REVISED BY: GAVERRILL | CHECKED BY: AELHAG |
| | | APPROVED BY: FSMITH | |

| | | TIN | |
|------------|--------------|----------|--------------|
| PART NO: | ENG NO: | PART NO: | ENG NO: |
| 50-36-2292 | 2161-1(224) | | 2161-38(224) |
| | 2161-3(224) | | 2161-40(224) |
| | 2161-4(224) | | 2161-41(224) |
| | 2161-5(224) | | 2161-45(224) |
| | 2161-6(224) | | 2161-48(224) |
| | 2161-7(224) | | 2161-51(224) |
| | 2161-10(224) | | 2161-52(224) |
| | 2161-11(224) | | 2161-53(224) |
| | 2161-12(224) | | 2161-61(224) |
| | 2161-13(224) | | 2161-62(224) |
| | 2161-14(224) | | 2161-63(224) |
| | 2161-15(224) | | 2161-64(224) |
| | 2161-16(224) | | 2161-65(224) |
| | 2161-18(224) | | 2161-66(224) |
| | 2161-19(224) | | 2161-67(224) |
| | 2161-20(224) | | 2161-68(224) |
| | 2161-21(224) | | 2161-69(224) |
| | 2161-22(224) | | 2161-70(224) |
| | 2161-23(224) | | 2161-71(224) |
| | 2161-24(224) | | 2161-89(224) |
| | 2161-26(224) | | 2161-91(224) |
| | 2161-28(224) | | 2161-92(224) |
| | 2161-30(224) | | 2161-93(224) |
| | 2161-35(224) | | 2161-94(224) |
| | 2161-36(224) | | 2161-96(224) |
| 008501371 | 2161-37(224) | | 2161-99(224) |
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| | | TIN | |
|----------|--------------|-----------|--------------|
| PART NO: | ENG NO: | PART NO: | ENG NO: |
| | 2161-1(124) | | 2161-38(124) |
| | 2161-3(124) | | 2161-40(124) |
| | 2161-4(124) | | 2161-41(124) |
| | 2161-5(124) | | 2161-45(124) |
| | 2161-6(124) | | 2161-48(124) |
| | 2161-7(124) | | 2161-51(124) |
| | 2161-10(124) | | 2161-52(124) |
| | 2161-11(124) | | 2161-53(124) |
| | 2161-12(124) | | 2161-61(124) |
| | 2161-13(124) | | 2161-62(124) |
| | 2161-14(124) | | 2161-63(124) |
| | 2161-15(124) | | 2161-64(124) |
| | 2161-16(124) | | 2161-65(124) |
| | 2161-18(124) | | 2161-66(124) |
| | 2161-19(124) | | 2161-67(124) |
| | 2161-20(124) | | 2161-68(124) |
| | 2161-21(124) | | 2161-69(124) |
| | 2161-22(124) | | 2161-70(124) |
| | 2161-23(124) | | 2161-71(124) |
| | 2161-24(124) | | 2161-89(124) |
| | 2161-26(124) | | 2161-91(124) |
| | 2161-28(124) | | 2161-92(124) |
| | 2161-30(124) | | 2161-93(124) |
| | 2161-35(124) | 008501001 | 2161-94(124) |
| | 2161-36(124) | | 2161-96(124) |
| | 2161-37(124) | | 2161-99(124) |
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|---|--|---|-------------------------------|
| REV: AH2 | ECR/ECN INFORMATION: EC No.: UCP2008-3117 DATE: 7/1/2008 | TITLE: KK .045 SQ PIN LOOSE | SHEET No. - 6 - |
| DOCUMENT NUMBER: SD- 2161-001 | CREATED / REVISED BY: GAVERRILL | CHECKED BY: AELHAG | APPROVED BY: FSMITH |

