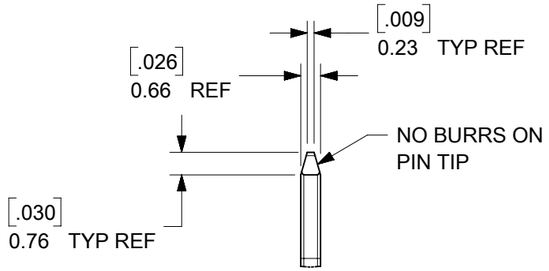
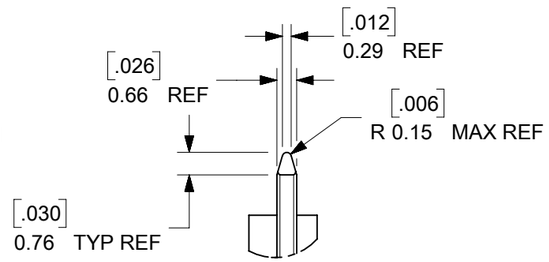
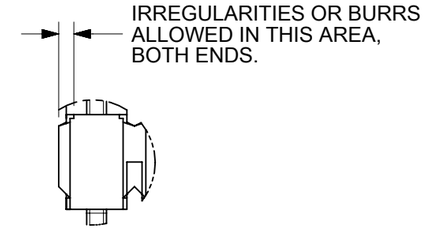
| NO. OF CKTS | DIM A | DIM B |
|---|---|---|
| 2 | .100/2.54 | .200/5.08 |
| 3 | .200/5.08 | .300/7.62 |
| 4 | .300/7.62 | .400/10.16 |
| 5 | .400/10.16 | .500/12.70 |
| 6 | .500/12.70 | .600/15.24 |
| 7 | .600/15.24 | .700/17.78 |
| 8 | .700/17.78 | .800/20.32 |
| 9 | .800/20.32 | .900/22.86 |
| 10 | .900/22.86 | 1.000/25.40 |
| 11 | 1.000/25.40 | 1.100/27.94 |
| 12 | 1.100/27.94 | 1.200/30.48 |
| 13 | 1.200/30.48 | 1.300/33.02 |
| 14 | 1.300/33.02 | 1.400/35.56 |
| 15 | 1.400/35.56 | 1.500/38.10 |
| 16 | 1.500/38.10 | 1.600/40.64 |
| 17 | 1.600/40.64 | 1.700/43.18 |
| 18 | 1.700/43.18 | 1.800/45.72 |
| 19 | 1.800/45.72 | 1.900/48.26 |
| 20 | 1.900/48.26 | 2.000/50.80 |
| 21 | 2.000/50.80 | 2.100/53.34 |
| 22 | 2.100/53.34 | 2.200/55.88 |
| 23 | 2.200/55.88 | 2.300/58.42 |
| 24 | 2.300/58.42 | 2.400/60.96 |
| 25 | 2.400/60.96 | 2.500/63.50 |
| 26 | 2.500/63.50 | 2.600/66.04 |
| 27 | 2.600/66.04 | 2.700/68.58 |
| 28 | 2.700/68.58 | 2.800/71.12 |
| 29 | 2.800/71.12 | 2.900/73.66 |
| 30 | 2.900/73.66 | 3.000/76.20 |
| 31 | 3.000/76.20 | 3.100/78.74 |
| 32 | 3.100/78.74 | 3.200/81.28 |
| 33 | 3.200/81.28 | 3.300/83.82 |
| 34 | 3.300/83.82 | 3.400/86.36 |
| 35 | 3.400/86.36 | 3.500/88.90 |
| 36 | 3.500/88.90 | 3.600/91.44 |



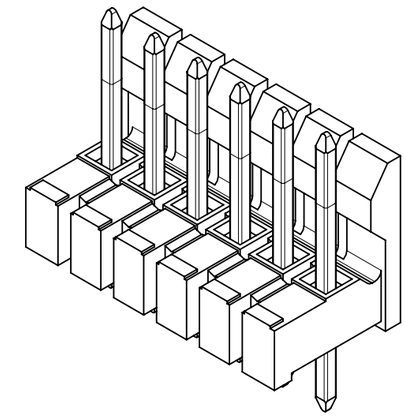

DETAIL A
SCALE 5:1
SEE NOTE 10

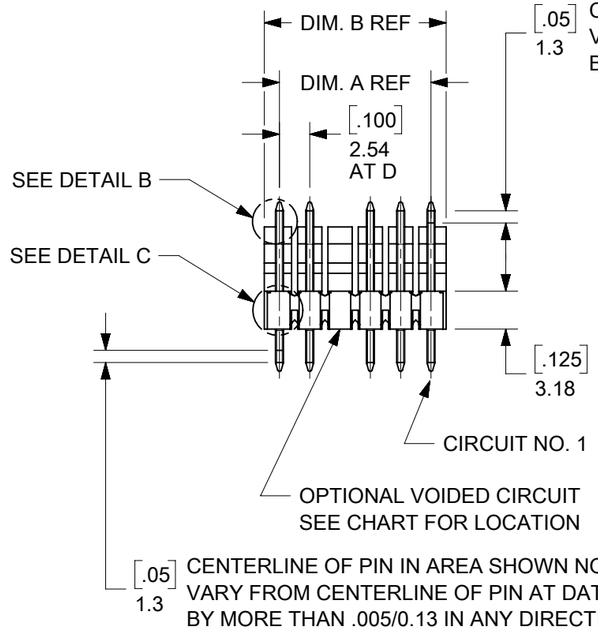


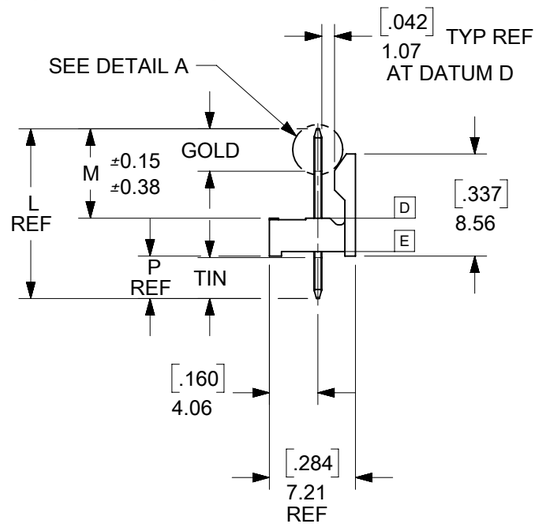

DETAIL B
SCALE 5:1
SEE NOTE 10



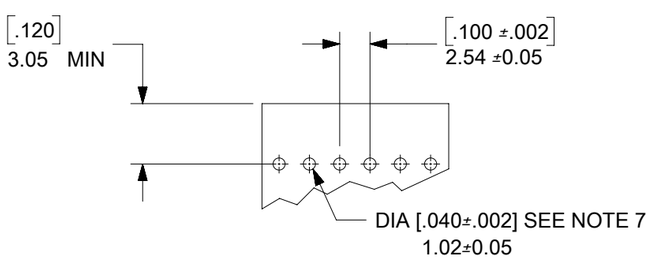

DETAIL C
SCALE 5:1



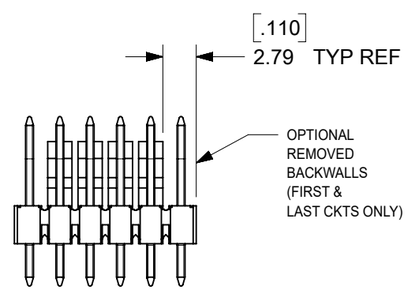


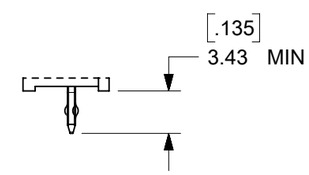

NOTES:
1. MATERIAL: NYLON, 94V-0, COLOR: BLACK
2. FINISH:
   (154) OVERALL TIN: .000100/0.00254 MIN. OVER
   NICKEL: .000050/0.00127 MIN.
   (208) SELECT GOLD: .000015/0.00038 MIN,
   SELECT TIN: .000100/0.00254 MIN,
   WITH OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
   (228) SELECT GOLD: .000030/0.00076 MIN,
   SELECT TIN: .000100/0.00254 MIN,
   WITH OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
3. PRODUCT SPECIFICATION PS 10-07.
4. PACKAGING INFORMATION: SEE TABLES
5. SOLDERABILITY PER SMES-152.
6. PIN PUSH OUT FORCE: 3 LBS. MIN
7. KINK PIN OPTION NOT RECOMMENDED FOR 2 CIRCUIT PARTS. HOLE SIZE MAY NEED TO BE ADJUSTED ON 2 CIRCUIT PARTS WITH KINK OPTION FOR PROPER INSERTION INTO THE PCB. SEE SMES-42003 FOR ADDITIONAL INFORMATION ON KINK PIN DIRECTION AND PLACEMENT.
8. HEADERS ARE NOT STACKABLE ON .100/2.54 CENTERS.
9. PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
10. PIN TIP DIMENSIONS ARE SHOWN FOR REFERENCE ONLY. DIMENSIONS APPLY PRIOR TO PLATING OR ASSEMBLY.
11. FIRST AND LAST CIRCUIT BACKWALLS MUST BE REMOVED WHEN MATING TO A PART WITH POLARIZING RIBS.




RECOMMENDED PC BOARD
LAYOUT




REMOVED
BACKWALLS
OPTION
SEE NOTE 11




KINKED PIN OPTION
SEE NOTE 7

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

| DIMENSION UNITS | SCALE |
|---|---|
| INCH/MM | 2:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.01 |
| 2 PLACES | ± 0.25 | ± 0.014 |
| 1 PLACE | ± 0.36 | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516585

EC NO: 823299
DRWN: VISHAH2 2025/05/23
CHK'D: GGA 2025/05/29
APPR: GGA 2025/05/29

INITIAL REVISION:
DRWN: JSCHAFER 2004/03/18
APPR: MARGULIS 2004/03/18

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 42227

molex

.100 FRICTION LOCK
BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-42227-002 | PSD | 001 | L1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 1 OF 12 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/05/29 13:28:13 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

| A-42227-0213/0246 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 154 |
| PIN LENGTH: L | .540/13.72 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | N/A |
| PC TAIL LENGTH: P | .120/3.05 |
| TIN: T | OVERALL |
| CKTS: | 3-36 |
| KINKS: | NO |
| REMOVED BACKWALLS: | YES |
| VOIDED CKTS: | NONE |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | | | 20 | 22-28-0206 | A-42227-0230 |
| 3 | | | 21 | 22-28-0216 | A-42227-0231 |
| 4 | | | 22 | 22-28-0226 | A-42227-0232 |
| 5 | 22-28-0056 | A-42227-0215 | 23 | 22-28-0236 | A-42227-0233 |
| 6 | | | 24 | 22-28-0246 | A-42227-0234 |
| 7 | 22-28-0076 | A-42227-0217 | 25 | 22-28-0256 | A-42227-0235 |
| 8 | | | 26 | 22-28-0266 | A-42227-0236 |
| 9 | 22-28-0096 | A-42227-0219 | 27 | 22-28-0276 | A-42227-0237 |
| 10 | | | 28 | 22-28-0286 | A-42227-0238 |
| 11 | 22-28-0116 | A-42227-0221 | 29 | 22-28-0296 | A-42227-0239 |
| 12 | 22-28-0126 | A-42227-0222 | 30 | 22-28-0306 | A-42227-0240 |
| 13 | 22-28-0136 | A-42227-0223 | 31 | 22-28-0316 | A-42227-0241 |
| 14 | 22-28-0146 | A-42227-0224 | 32 | 22-28-0326 | A-42227-0242 |
| 15 | 22-28-0156 | A-42227-0225 | 33 | 22-28-0336 | A-42227-0243 |
| 16 | | | 34 | 22-28-0346 | A-42227-0244 |
| 17 | 22-28-0176 | A-42227-0227 | 35 | 22-28-0356 | A-42227-0245 |
| 18 | 22-28-0186 | A-42227-0228 | 36 | | |
| 19 | 22-28-0196 | A-42227-0229 | | | |

| A-42227-0248/0281 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 208 |
| PIN LENGTH: L | .540/13.72 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | .140/3.56 |
| PC TAIL LENGTH: P | .120/3.05 |
| TIN: T | .135/3.43 |
| CKTS: | 3-36 |
| KINKS: | NO |
| REMOVED BACKWALLS: | YES |
| VOIDED CKTS: | NONE |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | | | 20 | 22-28-0207 | A-42227-0265 |
| 3 | | | 21 | 22-28-0217 | A-42227-0266 |
| 4 | | | 22 | 22-28-0227 | A-42227-0267 |
| 5 | 22-28-0057 | A-42227-0250 | 23 | 22-28-0237 | A-42227-0268 |
| 6 | | | 24 | 22-28-0247 | A-42227-0269 |
| 7 | 22-28-0077 | A-42227-0252 | 25 | 22-28-0257 | A-42227-0270 |
| 8 | 22-28-0087 | A-42227-0253 | 26 | 22-28-0267 | A-42227-0271 |
| 9 | 22-28-0097 | A-42227-0254 | 27 | 22-28-0277 | A-42227-0272 |
| 10 | 22-28-0107 | A-42227-0255 | 28 | 22-28-0287 | A-42227-0273 |
| 11 | 22-28-0117 | A-42227-0256 | 29 | 22-28-0297 | A-42227-0274 |
| 12 | 22-28-0127 | A-42227-0257 | 30 | 22-28-0307 | A-42227-0275 |
| 13 | 22-28-0137 | A-42227-0258 | 31 | 22-28-0317 | A-42227-0276 |
| 14 | 22-28-0147 | A-42227-0259 | 32 | 22-28-0327 | A-42227-0277 |
| 15 | 22-28-0157 | A-42227-0260 | 33 | 22-28-0337 | A-42227-0278 |
| 16 | 22-28-0167 | A-42227-0261 | 34 | 22-28-0347 | A-42227-0279 |
| 17 | 22-28-0177 | A-42227-0262 | 35 | 22-28-0357 | A-42227-0280 |
| 18 | 22-28-0187 | A-42227-0263 | 36 | 22-28-0367 | A-42227-0281 |
| 19 | 22-28-0197 | A-42227-0264 | | | |

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

| DIMENSION UNITS | SCALE |
|---|---|
| INCH/MM | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.01 |
| 2 PLACES | ± 0.25 | ± 0.014 |
| 1 PLACE | ± 0.36 | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516585

EC NO: 823299
DRWN: VISHAH2 2025/05/23
CHK'D: GGA 2025/05/29
APPR: GGA 2025/05/29

INITIAL REVISION:
DRWN: JSCHAFER 2004/03/18
APPR: MARGULIS 2004/03/18

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 42227

molex

.100 FRICTION LOCK
BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-42227-002 | PSD | 001 | L1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 2 OF 12 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/05/29 13:28:13 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

| A-42227-0283/0316 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 228 |
| PIN LENGTH: L | .540/13.72 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | .140/3.56 |
| PC TAIL LENGTH: P | .120/3.05 |
| TIN: T | .135/3.43 |
| CKTS: | 3-36 |
| KINKS: | NO |
| REMOVED BACKWALLS: | YES |
| VOIDED CKTS: | NONE |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | | | 20 | 22-28-0208 | A-42227-0300 |
| 3 | 22-28-0038 | A-42227-0283 | 21 | 22-28-0218 | A-42227-0301 |
| 4 | 22-28-0048 | A-42227-0284 | 22 | 22-28-0228 | A-42227-0302 |
| 5 | 22-28-0058 | A-42227-0285 | 23 | 22-28-0238 | A-42227-0303 |
| 6 | | | 24 | 22-28-0248 | A-42227-0304 |
| 7 | 22-28-0078 | A-42227-0287 | 25 | 22-28-0258 | A-42227-0305 |
| 8 | 22-28-0088 | A-42227-0288 | 26 | 22-28-0268 | A-42227-0306 |
| 9 | 22-28-0098 | A-42227-0289 | 27 | 22-28-0278 | A-42227-0307 |
| 10 | 22-28-0108 | A-42227-0290 | 28 | 22-28-0288 | A-42227-0308 |
| 11 | 22-28-0118 | A-42227-0291 | 29 | 22-28-0298 | A-42227-0309 |
| 12 | 22-28-0128 | A-42227-0292 | 30 | 22-28-0308 | A-42227-0310 |
| 13 | 22-28-0138 | A-42227-0293 | 31 | 22-28-0318 | A-42227-0311 |
| 14 | 22-28-0148 | A-42227-0294 | 32 | 22-28-0328 | A-42227-0312 |
| 15 | 22-28-0158 | A-42227-0295 | 33 | 22-28-0338 | A-42227-0313 |
| 16 | | | 34 | 22-28-0348 | A-42227-0314 |
| 17 | 22-28-0178 | A-42227-0297 | 35 | 22-28-0358 | A-42227-0315 |
| 18 | 22-28-0188 | A-42227-0298 | 36 | 22-28-0368 | A-42227-0316 |
| 19 | 22-28-0198 | A-42227-0299 | | | |

| A-42227-0318/0351 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 154 |
| PIN LENGTH: L | .555/14.10 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | N/A |
| PC TAIL LENGTH: P | .135/3.43 |
| TIN: T | OVERALL |
| CKTS: | 3-36 |
| KINKS: | YES |
| REMOVED BACKWALLS: | YES |
| VOIDED CKTS: | NONE |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | | | 20 | 22-28-0209 | A-42227-0335 |
| 3 | | | 21 | 22-28-0219 | A-42227-0336 |
| 4 | | | 22 | 22-28-0229 | A-42227-0337 |
| 5 | 22-28-0059 | A-42227-0320 | 23 | 22-28-0239 | A-42227-0338 |
| 6 | 22-28-0069 | A-42227-0321 | 24 | 22-28-0249 | A-42227-0339 |
| 7 | 22-28-0079 | A-42227-0322 | 25 | 22-28-0259 | A-42227-0340 |
| 8 | 22-28-0089 | A-42227-0323 | 26 | 22-28-0269 | A-42227-0341 |
| 9 | 22-28-0099 | A-42227-0324 | 27 | 22-28-0279 | A-42227-0342 |
| 10 | 22-28-0109 | A-42227-0325 | 28 | 22-28-0289 | A-42227-0343 |
| 11 | 22-28-0119 | A-42227-0326 | 29 | 22-28-0299 | A-42227-0344 |
| 12 | 22-28-0129 | A-42227-0327 | 30 | 22-28-0309 | A-42227-0345 |
| 13 | 22-28-0139 | A-42227-0328 | 31 | 22-28-0319 | A-42227-0346 |
| 14 | 22-28-0149 | A-42227-0329 | 32 | 22-28-0329 | A-42227-0347 |
| 15 | 22-28-0159 | A-42227-0330 | 33 | 22-28-0339 | A-42227-0348 |
| 16 | 22-28-0169 | A-42227-0331 | 34 | 22-28-0349 | A-42227-0349 |
| 17 | 22-28-0179 | A-42227-0332 | 35 | 22-28-0359 | A-42227-0350 |
| 18 | 22-28-0189 | A-42227-0333 | 36 | 22-28-0369 | A-42227-0351 |
| 19 | 22-28-0199 | A-42227-0334 | | | |

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

DIMENSION UNITS: INCH/MM
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.01 |
| 2 PLACES | ± 0.25 | ± 0.014 |
| 1 PLACE | ± 0.36 | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516585

EC NO: 823299
DRWN: VISHAH2 2025/05/23
CHK'D: GGA 2025/05/29
APPR: GGA 2025/05/29

INITIAL REVISION:
DRWN: JSCHAFER 2004/03/18
APPR: MARGULIS 2004/03/18

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 42227

molex

.100 FRICTION LOCK
BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-42227-002 | PSD | 001 | L1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 3 OF 12 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/05/29 13:28:13 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

| A-42227-0422/0455 | | | | | |
|---|---|---|---|---|---|
| HEADER NUMBER: | | | 41411 | | |
| PLATING: | | | 228 | | |
| PIN LENGTH: L | | | .540/13.72 | | |
| MATING LENGTH: M | | | .295/7.49 | | |
| GOLD POINT: G | | | .140/3.56 | | |
| PC TAIL LENGTH: P | | | .120/3.05 | | |
| TIN: T | | | .135/3.43 | | |
| CKTS: | | | 3-36 | | |
| KINKS: | | | NO | | |
| REMOVED BACKWALLS: | | | YES | | |
| VOIDED CKTS: | | | 3 | | |
| PACKAGING: | | | BULK, PER PK-40873-0056 | | |
| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
| 2 | | | 20 | 42227-0439 | A-42227-0439 |
| 3 | 42227-0422 | A-42227-0422 | 21 | 42227-0440 | A-42227-0440 |
| 4 | 42227-0423 | A-42227-0423 | 22 | 42227-0441 | A-42227-0441 |
| 5 | 42227-0424 | A-42227-0424 | 23 | 42227-0442 | A-42227-0442 |
| 6 | 42227-0425 | A-42227-0425 | 24 | 42227-0443 | A-42227-0443 |
| 7 | 22-29-0070 | A-42227-0426 | 25 | 42227-0444 | A-42227-0444 |
| 8 | 42227-0427 | A-42227-0427 | 26 | 42227-0445 | A-42227-0445 |
| 9 | 42227-0428 | A-42227-0428 | 27 | 42227-0446 | A-42227-0446 |
| 10 | 42227-0429 | A-42227-0429 | 28 | 42227-0447 | A-42227-0447 |
| 11 | 42227-0430 | A-42227-0430 | 29 | 42227-0448 | A-42227-0448 |
| 12 | 42227-0431 | A-42227-0431 | 30 | 42227-0449 | A-42227-0449 |
| 13 | 42227-0432 | A-42227-0432 | 31 | 42227-0450 | A-42227-0450 |
| 14 | 42227-0433 | A-42227-0433 | 32 | 42227-0451 | A-42227-0451 |
| 15 | 42227-0434 | A-42227-0434 | 33 | 42227-0452 | A-42227-0452 |
| 16 | 42227-0435 | A-42227-0435 | 34 | 42227-0453 | A-42227-0453 |
| 17 | 42227-0436 | A-42227-0436 | 35 | 42227-0454 | A-42227-0454 |
| 18 | 42227-0437 | A-42227-0437 | 36 | 42227-0455 | A-42227-0455 |
| 19 | 42227-0438 | A-42227-0438 | | | |

| A-42227-0456/0487 | | | | | |
|---|---|---|---|---|---|
| HEADER NUMBER: | | | 41411 | | |
| PLATING: | | | 228 | | |
| PIN LENGTH: L | | | .540/13.72 | | |
| MATING LENGTH: M | | | .295/7.49 | | |
| GOLD POINT: G | | | .140/3.56 | | |
| PC TAIL LENGTH: P | | | .120/3.05 | | |
| TIN: T | | | .135/3.43 | | |
| CKTS: | | | 5-36 | | |
| KINKS: | | | NO | | |
| REMOVED BACKWALLS: | | | YES | | |
| VOIDED CKTS: | | | 5 | | |
| PACKAGING: | | | BULK, PER PK-40873-0056 | | |
| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
| 2 | | | 20 | 42227-0471 | A-42227-0471 |
| 3 | | | 21 | 42227-0472 | A-42227-0472 |
| 4 | | | 22 | 42227-0473 | A-42227-0473 |
| 5 | 42227-0456 | A-42227-0456 | 23 | 42227-0474 | A-42227-0474 |
| 6 | 42227-0457 | A-42227-0457 | 24 | 42227-0475 | A-42227-0475 |
| 7 | 42227-0458 | A-42227-0458 | 25 | 42227-0476 | A-42227-0476 |
| 8 | | | 26 | 42227-0477 | A-42227-0477 |
| 9 | 42227-0460 | A-42227-0460 | 27 | 42227-0478 | A-42227-0478 |
| 10 | 22-29-0101 | A-42227-0461 | 28 | 42227-0479 | A-42227-0479 |
| 11 | 22-29-0111 | A-42227-0462 | 29 | 42227-0480 | A-42227-0480 |
| 12 | 42227-0463 | A-42227-0463 | 30 | 42227-0481 | A-42227-0481 |
| 13 | 42227-0464 | A-42227-0464 | 31 | 42227-0482 | A-42227-0482 |
| 14 | 42227-0465 | A-42227-0465 | 32 | 42227-0483 | A-42227-0483 |
| 15 | 42227-0466 | A-42227-0466 | 33 | 42227-0484 | A-42227-0484 |
| 16 | 42227-0467 | A-42227-0467 | 34 | 42227-0485 | A-42227-0485 |
| 17 | 42227-0468 | A-42227-0468 | 35 | 42227-0486 | A-42227-0486 |
| 18 | 42227-0469 | A-42227-0469 | 36 | 42227-0487 | A-42227-0487 |
| 19 | 42227-0470 | A-42227-0470 | | | |

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

| DIMENSION UNITS | SCALE |
|---|---|
| INCH/MM | 1:1 |

| GENERAL TOLERANCES (UNLESS SPECIFIED) | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.01 |
| 2 PLACES | ± 0.25 | ± 0.014 |
| 1 PLACE | ± 0.36 | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516585

EC NO: 823299
DRWN: VISHAH2 2025/05/23
CHK'D: GGA 2025/05/29
APPR: GGA 2025/05/29

INITIAL REVISION:
DRWN: JSCHAFER 2004/03/18
APPR: MARGULIS 2004/03/18

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 42227

molex

.100 FRICTION LOCK
BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-42227-002 | PSD | 001 | L1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 4 OF 12 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/05/29 13:28:13 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

| A-42227-0488/0521 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 154 |
| PIN LENGTH: L | .555/14.10 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | N/A |
| PC TAIL LENGTH: P | .135/3.43 |
| TIN: T | OVERALL |
| CKTS: | 3-36 |
| KINKS: | YES |
| REMOVED BACKWALLS: | YES |
| VOIDED CKTS: | 2 |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | | | 20 | 22-29-0202 | A-42227-0505 |
| 3 | 22-29-0032 | A-42227-0488 | 21 | 22-29-0212 | A-42227-0506 |
| 4 | 22-29-0042 | A-42227-0489 | 22 | 22-29-0222 | A-42227-0507 |
| 5 | 22-29-0052 | A-42227-0490 | 23 | 22-29-0232 | A-42227-0508 |
| 6 | 22-29-0062 | A-42227-0491 | 24 | 22-29-0242 | A-42227-0509 |
| 7 | 22-29-0072 | A-42227-0492 | 25 | 22-29-0252 | A-42227-0510 |
| 8 | 22-29-0082 | A-42227-0493 | 26 | 22-29-0262 | A-42227-0511 |
| 9 | 22-29-0092 | A-42227-0494 | 27 | 22-29-0272 | A-42227-0512 |
| 10 | 22-29-0102 | A-42227-0495 | 28 | 22-29-0282 | A-42227-0513 |
| 11 | 22-29-0112 | A-42227-0496 | 29 | 22-29-0292 | A-42227-0514 |
| 12 | 22-29-0122 | A-42227-0497 | 30 | 22-29-0302 | A-42227-0515 |
| 13 | 22-29-0132 | A-42227-0498 | 31 | 22-29-0312 | A-42227-0516 |
| 14 | 22-29-0142 | A-42227-0499 | 32 | 22-29-0322 | A-42227-0517 |
| 15 | 22-29-0152 | A-42227-0500 | 33 | 22-29-0332 | A-42227-0518 |
| 16 | 22-29-0162 | A-42227-0501 | 34 | 22-29-0342 | A-42227-0519 |
| 17 | 22-29-0172 | A-42227-0502 | 35 | 22-29-0352 | A-42227-0520 |
| 18 | 22-29-0182 | A-42227-0503 | 36 | 22-29-0362 | A-42227-0521 |
| 19 | 22-29-0192 | A-42227-0504 | | | |

| A-42227-0522/0555 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 154 |
| PIN LENGTH: L | .540/13.72 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | N/A |
| PC TAIL LENGTH: P | .120/3.05 |
| TIN: T | OVERALL |
| CKTS: | 3-36 |
| KINKS: | NO |
| REMOVED BACKWALLS: | YES |
| VOIDED CKTS: | 2 |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | | | 20 | 42227-0539 | A-42227-0539 |
| 3 | | | 21 | 42227-0540 | A-42227-0540 |
| 4 | 42227-0523 | A-42227-0523 | 22 | 42227-0541 | A-42227-0541 |
| 5 | 42227-0524 | A-42227-0524 | 23 | 42227-0542 | A-42227-0542 |
| 6 | 42227-0525 | A-42227-0525 | 24 | 42227-0543 | A-42227-0543 |
| 7 | 42227-0526 | A-42227-0526 | 25 | 42227-0544 | A-42227-0544 |
| 8 | | | 26 | 42227-0545 | A-42227-0545 |
| 9 | 42227-0528 | A-42227-0528 | 27 | 42227-0546 | A-42227-0546 |
| 10 | 42227-0529 | A-42227-0529 | 28 | 42227-0547 | A-42227-0547 |
| 11 | 42227-0530 | A-42227-0530 | 29 | 42227-0548 | A-42227-0548 |
| 12 | 42227-0531 | A-42227-0531 | 30 | 42227-0549 | A-42227-0549 |
| 13 | 42227-0532 | A-42227-0532 | 31 | 42227-0550 | A-42227-0550 |
| 14 | 42227-0533 | A-42227-0533 | 32 | 42227-0551 | A-42227-0551 |
| 15 | | | 33 | 42227-0552 | A-42227-0552 |
| 16 | 42227-0535 | A-42227-0535 | 34 | 42227-0553 | A-42227-0553 |
| 17 | 42227-0536 | A-42227-0536 | 35 | 42227-0554 | A-42227-0554 |
| 18 | 42227-0537 | A-42227-0537 | 36 | 42227-0555 | A-42227-0555 |
| 19 | 42227-0538 | A-42227-0538 | | | |

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

DIMENSION UNITS: INCH/MM
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.01 |
| 2 PLACES | ± 0.25 | ± 0.014 |
| 1 PLACE | ± 0.36 | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516585

EC NO: 823299
DRWN: VISHAH2 2025/05/23
CHK'D: GGA 2025/05/29
APPR: GGA 2025/05/29

INITIAL REVISION:
DRWN: DRAWN BY 0099/99/99
APPR: APPR BY 0099/99/99

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 42227

molex

.100 FRICTION LOCK
BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-42227-002 | PSD | 001 | L1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| | GENERAL MARKET | 5 OF 12 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/05/29 13:28:13 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

| A-42227-0590/0617 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 154 |
| PIN LENGTH: L | .540/13.72 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | N/A |
| PC TAIL LENGTH: P | .120/3.05 |
| TIN: T | OVERALL |
| CKTS: | 9-36 |
| KINKS: | YES, 1,7 ONLY SEE NOTE 7 |
| REMOVED BACKWALLS: | NO |
| VOIDED CKTS: | 2, 3, 5, 6, 8, 9 |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | | | 20 | 22-29-0204 | A-42227-0601 |
| 3 | | | 21 | 22-29-0214 | A-42227-0602 |
| 4 | | | 22 | 22-29-0224 | A-42227-0603 |
| 5 | | | 23 | 22-29-0234 | A-42227-0604 |
| 6 | | | 24 | 22-29-0244 | A-42227-0605 |
| 7 | | | 25 | 22-29-0254 | A-42227-0606 |
| 8 | | | 26 | 22-29-0264 | A-42227-0607 |
| 9 | 22-29-0094 | A-42227-0590 | 27 | 22-29-0274 | A-42227-0608 |
| 10 | | | 28 | 22-29-0284 | A-42227-0609 |
| 11 | | | 29 | 22-29-0294 | A-42227-0610 |
| 12 | 22-29-0124 | A-42227-0593 | 30 | 22-29-0304 | A-42227-0611 |
| 13 | 22-29-0134 | A-42227-0594 | 31 | 22-29-0314 | A-42227-0612 |
| 14 | 22-29-0144 | A-42227-0595 | 32 | 22-29-0324 | A-42227-0613 |
| 15 | 22-29-0154 | A-42227-0596 | 33 | 22-29-0334 | A-42227-0614 |
| 16 | 22-29-0164 | A-42227-0597 | 34 | 22-29-0344 | A-42227-0615 |
| 17 | 22-29-0174 | A-42227-0598 | 35 | 22-29-0354 | A-42227-0616 |
| 18 | 22-29-0184 | A-42227-0599 | 36 | 22-29-0364 | A-42227-0617 |
| 19 | 22-29-0194 | A-42227-0600 | | | |

| A-42227-0618/0647 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 228 |
| PIN LENGTH: L | .540/13.72 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | .180/4.57 |
| PC TAIL LENGTH: P | .120/3.05 |
| TIN: T | .135/3.43 |
| CKTS: | 7-36 |
| KINKS: | NO |
| REMOVED BACKWALLS: | NO |
| VOIDED CKTS: | 7 |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | | | 20 | 42227-0631 | A-42227-0631 |
| 3 | | | 21 | 42227-0632 | A-42227-0632 |
| 4 | | | 22 | 42227-0633 | A-42227-0633 |
| 5 | | | 23 | 42227-0634 | A-42227-0634 |
| 6 | | | 24 | 42227-0635 | A-42227-0635 |
| 7 | 42227-0618 | A-42227-0618 | 25 | 42227-0636 | A-42227-0636 |
| 8 | | | 26 | 42227-0637 | A-42227-0637 |
| 9 | 42227-0620 | A-42227-0620 | 27 | 42227-0638 | A-42227-0638 |
| 10 | 42227-0621 | A-42227-0621 | 28 | 42227-0639 | A-42227-0639 |
| 11 | 42227-0622 | A-42227-0622 | 29 | 42227-0640 | A-42227-0640 |
| 12 | 42227-0623 | A-42227-0623 | 30 | 42227-0641 | A-42227-0641 |
| 13 | 42227-0624 | A-42227-0624 | 31 | 42227-0642 | A-42227-0642 |
| 14 | 42227-0625 | A-42227-0625 | 32 | 42227-0643 | A-42227-0643 |
| 15 | 42227-0626 | A-42227-0626 | 33 | 42227-0644 | A-42227-0644 |
| 16 | 42227-0627 | A-42227-0627 | 34 | 42227-0645 | A-42227-0645 |
| 17 | 42227-0628 | A-42227-0628 | 35 | 42227-0646 | A-42227-0646 |
| 18 | 42227-0629 | A-42227-0629 | 36 | 42227-0647 | A-42227-0647 |
| 19 | 42227-0630 | A-42227-0630 | | | |

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

| DIMENSION UNITS | SCALE |
|---|---|
| INCH/MM | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.01 |
| 2 PLACES | ± 0.25 | ± 0.014 |
| 1 PLACE | ± 0.36 | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516585

EC NO: 823299
DRWN: VISHAH2 2025/05/23
CHK'D: GGA 2025/05/29
APPR: GGA 2025/05/29

INITIAL REVISION:
DRWN: DRAWN BY 0099/99/99
APPR: APPR BY 0099/99/99

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 42227

molex

.100 FRICTION LOCK
BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-42227-002 | PSD | 001 | L1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| | GENERAL MARKET | 6 OF 12 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/05/29 13:28:13 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

| A-42227-0648/0671 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 228 |
| PIN LENGTH: L | .540/13.72 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | .180/4.57 |
| PC TAIL LENGTH: P | .120/3.05 |
| TIN: T | .135/3.43 |
| CKTS: | 13-36 |
| KINKS: | NO |
| REMOVED BACKWALLS: | NO |
| VOIDED CKTS: | 13 |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | | | 20 | 42227-0655 | A-42227-0655 |
| 3 | | | 21 | 42227-0656 | A-42227-0656 |
| 4 | | | 22 | 42227-0657 | A-42227-0657 |
| 5 | | | 23 | 42227-0658 | A-42227-0658 |
| 6 | | | 24 | 42227-0659 | A-42227-0659 |
| 7 | | | 25 | 42227-0660 | A-42227-0660 |
| 8 | | | 26 | 42227-0661 | A-42227-0661 |
| 9 | | | 27 | 42227-0662 | A-42227-0662 |
| 10 | | | 28 | 42227-0663 | A-42227-0663 |
| 11 | | | 29 | 42227-0664 | A-42227-0664 |
| 12 | | | 30 | 42227-0665 | A-42227-0665 |
| 13 | 42227-0648 | A-42227-0648 | 31 | 42227-0666 | A-42227-0666 |
| 14 | | | 32 | 42227-0667 | A-42227-0667 |
| 15 | 42227-0650 | A-42227-0650 | 33 | 42227-0668 | A-42227-0668 |
| 16 | 42227-0651 | A-42227-0651 | 34 | 42227-0669 | A-42227-0669 |
| 17 | 42227-0652 | A-42227-0652 | 35 | 42227-0670 | A-42227-0670 |
| 18 | 42227-0653 | A-42227-0653 | 36 | 42227-0671 | A-42227-0671 |
| 19 | 42227-0654 | A-42227-0654 | | | |

| A-42227-0672/0706 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 228 |
| PIN LENGTH: L | .540/13.72 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | .180/4.57 |
| PC TAIL LENGTH: P | .120/3.05 |
| TIN: T | .135/3.43 |
| CKTS: | 2-36 |
| KINKS: | NO |
| REMOVED BACKWALLS: | NO |
| VOIDED CKTS: | 2 |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | 42227-0672 | A-42227-0672 | 20 | 42227-0690 | A-42227-0690 |
| 3 | | | 21 | 42227-0691 | A-42227-0691 |
| 4 | 42227-0674 | A-42227-0674 | 22 | 42227-0692 | A-42227-0692 |
| 5 | 42227-0675 | A-42227-0675 | 23 | 42227-0693 | A-42227-0693 |
| 6 | 42227-0676 | A-42227-0676 | 24 | 42227-0694 | A-42227-0694 |
| 7 | 42227-0677 | A-42227-0677 | 25 | 42227-0695 | A-42227-0695 |
| 8 | 42227-0678 | A-42227-0678 | 26 | 42227-0696 | A-42227-0696 |
| 9 | 42227-0679 | A-42227-0679 | 27 | 42227-0697 | A-42227-0697 |
| 10 | 42227-0680 | A-42227-0680 | 28 | 42227-0698 | A-42227-0698 |
| 11 | 42227-0681 | A-42227-0681 | 29 | 42227-0699 | A-42227-0699 |
| 12 | 42227-0682 | A-42227-0682 | 30 | 42227-0700 | A-42227-0700 |
| 13 | 42227-0683 | A-42227-0683 | 31 | 42227-0701 | A-42227-0701 |
| 14 | 42227-0684 | A-42227-0684 | 32 | 42227-0702 | A-42227-0702 |
| 15 | 42227-0685 | A-42227-0685 | 33 | 42227-0703 | A-42227-0703 |
| 16 | 42227-0686 | A-42227-0686 | 34 | 42227-0704 | A-42227-0704 |
| 17 | 42227-0687 | A-42227-0687 | 35 | 42227-0705 | A-42227-0705 |
| 18 | 42227-0688 | A-42227-0688 | 36 | 42227-0706 | A-42227-0706 |
| 19 | 42227-0689 | A-42227-0689 | | | |

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

| DIMENSION UNITS | SCALE |
|---|---|
| INCH/MM | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.01 |
| 2 PLACES | ± 0.25 | ± 0.014 |
| 1 PLACE | ± 0.36 | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516585

EC NO: 823299
DRWN: VISHAH2 2025/05/23
CHK'D: GGA 2025/05/29
APPR: GGA 2025/05/29

INITIAL REVISION:
DRWN: DRAWN BY 0099/99/99
APPR: APPR BY 0099/99/99

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 42227

molex

.100 FRICTION LOCK
BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-42227-002 | PSD | 001 | L1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| | GENERAL MARKET | 7 OF 12 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/05/29 13:28:13 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

| A-42227-0707/0741 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 154 |
| PIN LENGTH: L | .540/13.72 |
| MATING LENGTH: M | .280/7.11 |
| GOLD POINT: G | N/A |
| PC TAIL LENGTH: P | .135/3.43 |
| TIN: T | OVERALL |
| CKTS: | 2-36 |
| KINKS: | NO |
| REMOVED BACKWALLS: | NO |
| VOIDED CKTS: | NONE |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | 42227-0707 | A-42227-0707 | 20 | 42227-0725 | A-42227-0725 |
| 3 | | | 21 | 42227-0726 | A-42227-0726 |
| 4 | | | 22 | 42227-0727 | A-42227-0727 |
| 5 | 42227-0710 | A-42227-0710 | 23 | 42227-0728 | A-42227-0728 |
| 6 | 42227-0711 | A-42227-0711 | 24 | 42227-0729 | A-42227-0729 |
| 7 | 42227-0712 | A-42227-0712 | 25 | 42227-0730 | A-42227-0730 |
| 8 | | | 26 | 42227-0731 | A-42227-0731 |
| 9 | 42227-0714 | A-42227-0714 | 27 | 42227-0732 | A-42227-0732 |
| 10 | 42227-0714 | A-42227-0715 | 28 | 42227-0733 | A-42227-0733 |
| 11 | 42227-0716 | A-42227-0716 | 29 | 42227-0734 | A-42227-0734 |
| 12 | 42227-0717 | A-42227-0717 | 30 | 42227-0735 | A-42227-0735 |
| 13 | 42227-0718 | A-42227-0718 | 31 | 42227-0736 | A-42227-0736 |
| 14 | | | 32 | 42227-0737 | A-42227-0737 |
| 15 | 42227-0720 | A-42227-0720 | 33 | 42227-0738 | A-42227-0738 |
| 16 | 42227-0721 | A-42227-0721 | 34 | 42227-0739 | A-42227-0739 |
| 17 | | | 35 | 42227-0740 | A-42227-0740 |
| 18 | | | 36 | 42227-0741 | A-42227-0741 |
| 19 | 42227-0724 | A-42227-0724 | | | |

| A-42227-0742/0775 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 154 |
| PIN LENGTH: L | .540/13.72 |
| MATING LENGTH: M | .280/7.11 |
| GOLD POINT: G | N/A |
| PC TAIL LENGTH: P | .135/3.43 |
| TIN: T | OVERALL |
| CKTS: | 3-36 |
| KINKS: | NO |
| REMOVED BACKWALLS: | NO |
| VOIDED CKTS: | 2 |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | | | 20 | 42227-0759 | A-42227-0759 |
| 3 | 42227-0742 | A-42227-0742 | 21 | 42227-0760 | A-42227-0760 |
| 4 | 42227-0743 | A-42227-0743 | 22 | 42227-0761 | A-42227-0761 |
| 5 | 42227-0744 | A-42227-0744 | 23 | 42227-0762 | A-42227-0762 |
| 6 | 42227-0745 | A-42227-0745 | 24 | 42227-0763 | A-42227-0763 |
| 7 | 42227-0746 | A-42227-0746 | 25 | 42227-0764 | A-42227-0764 |
| 8 | | | 26 | 42227-0765 | A-42227-0765 |
| 9 | 42227-0748 | A-42227-0748 | 27 | 42227-0766 | A-42227-0766 |
| 10 | 42227-0749 | A-42227-0749 | 28 | 42227-0767 | A-42227-0767 |
| 11 | 42227-0750 | A-42227-0750 | 29 | 42227-0768 | A-42227-0768 |
| 12 | 42227-0751 | A-42227-0751 | 30 | 42227-0769 | A-42227-0769 |
| 13 | 42227-0752 | A-42227-0752 | 31 | 42227-0770 | A-42227-0770 |
| 14 | 42227-0753 | A-42227-0753 | 32 | 42227-0771 | A-42227-0771 |
| 15 | 42227-0754 | A-42227-0754 | 33 | 42227-0772 | A-42227-0772 |
| 16 | 42227-0755 | A-42227-0755 | 34 | 42227-0773 | A-42227-0773 |
| 17 | 42227-0756 | A-42227-0756 | 35 | 42227-0774 | A-42227-0774 |
| 18 | 42227-0757 | A-42227-0757 | 36 | 42227-0775 | A-42227-0775 |
| 19 | 42227-0758 | A-42227-0758 | | | |

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

| DIMENSION UNITS | SCALE |
|---|---|
| INCH/MM | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.01 |
| 2 PLACES | ± 0.25 | ± 0.014 |
| 1 PLACE | ± 0.36 | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516585

EC NO: 823299
DRWN: VISHAH2 2025/05/23
CHK'D: GGA 2025/05/29
APPR: GGA 2025/05/29

INITIAL REVISION:
DRWN: DRAWN BY 0099/99/99
APPR: APPR BY 0099/99/99

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 42227

molex

.100 FRICTION LOCK
BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-42227-002 | PSD | 001 | L1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| | GENERAL MARKET | 8 OF 12 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/05/29 13:28:13 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

| A-42227-0776/0792 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 154 |
| PIN LENGTH: L | .540/13.72 |
| MATING LENGTH: M | .280/7.11 |
| GOLD POINT: G | N/A |
| PC TAIL LENGTH: P | .135/3.43 |
| TIN: T | OVERALL |
| CKTS: | 20-36 |
| KINKS: | NO |
| REMOVED BACKWALLS: | NO |
| VOIDED CKTS: | 20 |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | | | 20 | 42227-0776 | A-42227-0776 |
| 3 | | | 21 | | |
| 4 | | | 22 | 42227-0778 | A-42227-0778 |
| 5 | | | 23 | 42227-0779 | A-42227-0779 |
| 6 | | | 24 | 42227-0780 | A-42227-0780 |
| 7 | | | 25 | 42227-0781 | A-42227-0781 |
| 8 | | | 26 | 42227-0782 | A-42227-0782 |
| 9 | | | 27 | 42227-0783 | A-42227-0783 |
| 10 | | | 28 | 42227-0784 | A-42227-0784 |
| 11 | | | 29 | 42227-0785 | A-42227-0785 |
| 12 | | | 30 | 42227-0786 | A-42227-0786 |
| 13 | | | 31 | 42227-0787 | A-42227-0787 |
| 14 | | | 32 | 42227-0788 | A-42227-0788 |
| 15 | | | 33 | 42227-0789 | A-42227-0789 |
| 16 | | | 34 | 42227-0790 | A-42227-0790 |
| 17 | | | 35 | 42227-0791 | A-42227-0791 |
| 18 | | | 36 | 42227-0792 | A-42227-0792 |
| 19 | | | | | |

| A-42227-0818/0848 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 154 |
| PIN LENGTH: L | .540/13.72 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | N/A |
| PC TAIL LENGTH: P | .120/3.05 |
| TIN: T | OVERALL |
| CKTS: | 6-36 |
| KINKS: | NO |
| REMOVED BACKWALLS: | NO |
| VOIDED CKTS: | 3, 6 |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | | | 20 | 42227-0832 | A-42227-0832 |
| 3 | | | 21 | 42227-0833 | A-42227-0833 |
| 4 | | | 22 | 42227-0834 | A-42227-0834 |
| 5 | | | 23 | 42227-0835 | A-42227-0835 |
| 6 | 42227-0818 | A-42227-0818 | 24 | 42227-0836 | A-42227-0836 |
| 7 | 42227-0819 | A-42227-0819 | 25 | 42227-0837 | A-42227-0837 |
| 8 | 68352-0001 | A-42227-0820 | 26 | 42227-0838 | A-42227-0838 |
| 9 | 42227-0821 | A-42227-0821 | 27 | 42227-0839 | A-42227-0839 |
| 10 | 42227-0822 | A-42227-0822 | 28 | 42227-0840 | A-42227-0840 |
| 11 | 42227-0823 | A-42227-0823 | 29 | 42227-0841 | A-42227-0841 |
| 12 | 42227-0824 | A-42227-0824 | 30 | 42227-0842 | A-42227-0842 |
| 13 | 42227-0825 | A-42227-0825 | 31 | 42227-0843 | A-42227-0843 |
| 14 | 42227-0826 | A-42227-0826 | 32 | 42227-0844 | A-42227-0844 |
| 15 | 42227-0827 | A-42227-0827 | 33 | 42227-0845 | A-42227-0845 |
| 16 | 42227-0828 | A-42227-0828 | 34 | 42227-0846 | A-42227-0846 |
| 17 | 42227-0829 | A-42227-0829 | 35 | 42227-0847 | A-42227-0847 |
| 18 | 42227-0830 | A-42227-0830 | 36 | 42227-0848 | A-42227-0848 |
| 19 | 42227-0831 | A-42227-0831 | | | |

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

| DIMENSION UNITS | SCALE |
|---|---|
| INCH/MM | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.01 |
| 2 PLACES | ± 0.25 | ± 0.014 |
| 1 PLACE | ± 0.36 | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516585

EC NO: 823299
DRWN: VISHAH2 2025/05/23
CHK'D: GGA 2025/05/29
APPR: GGA 2025/05/29

INITIAL REVISION:
DRWN: DRAWN BY 0099/99/99
APPR: APPR BY 0099/99/99

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 42227

molex

.100 FRICTION LOCK
BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-42227-002 | PSD | 001 | L1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| | GENERAL MARKET | 9 OF 12 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/05/29 13:28:13 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

| A-42227-0873/0900 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 154 |
| PIN LENGTH: L | .540/13.72 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | N/A |
| PC TAIL LENGTH: P | .120/3.05 |
| TIN: T | OVERALL |
| CKTS: | 9-36 |
| KINKS: | NO |
| REMOVED BACKWALLS: | YES |
| VOIDED CKTS: | 9 |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | | | 20 | 42227-0884 | A-42227-0884 |
| 3 | | | 21 | 42227-0885 | A-42227-0885 |
| 4 | | | 22 | 42227-0886 | A-42227-0886 |
| 5 | | | 23 | 42227-0887 | A-42227-0887 |
| 6 | | | 24 | 42227-0888 | A-42227-0888 |
| 7 | | | 25 | 42227-0889 | A-42227-0889 |
| 8 | | | 26 | 42227-0890 | A-42227-0890 |
| 9 | 42227-0873 | A-42227-0873 | 27 | 42227-0891 | A-42227-0891 |
| 10 | | | 28 | 42227-0892 | A-42227-0892 |
| 11 | 42227-0875 | A-42227-0875 | 29 | 42227-0893 | A-42227-0893 |
| 12 | 42227-0876 | A-42227-0876 | 30 | 42227-0894 | A-42227-0894 |
| 13 | 42227-0877 | A-42227-0877 | 31 | 42227-0895 | A-42227-0895 |
| 14 | 42227-0878 | A-42227-0878 | 32 | 42227-0896 | A-42227-0896 |
| 15 | 42227-0879 | A-42227-0879 | 33 | 42227-0897 | A-42227-0897 |
| 16 | 42227-0880 | A-42227-0880 | 34 | 42227-0898 | A-42227-0898 |
| 17 | 42227-0881 | A-42227-0881 | 35 | 42227-0899 | A-42227-0899 |
| 18 | 42227-0882 | A-42227-0882 | 36 | 42227-0900 | A-42227-0900 |
| 19 | 42227-0883 | A-42227-0883 | | | |

| A-42227-0934/0967 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 154 |
| PIN LENGTH: L | .540/13.72 |
| MATING LENGTH: M | .280/7.11 |
| GOLD POINT: G | N/A |
| PC TAIL LENGTH: P | .135/3.43 |
| TIN: T | OVERALL |
| CKTS: | 3-36 |
| KINKS: | NO |
| REMOVED BACKWALLS: | YES |
| VOIDED CKTS: | NONE |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | | | 20 | 42227-0951 | A-42227-0951 |
| 3 | 42227-0934 | A-42227-0934 | 21 | 42227-0952 | A-42227-0952 |
| 4 | | | 22 | 42227-0953 | A-42227-0953 |
| 5 | 42227-0936 | A-42227-0936 | 23 | 42227-0954 | A-42227-0954 |
| 6 | | | 24 | 42227-0955 | A-42227-0955 |
| 7 | 42227-0938 | A-42227-0938 | 25 | 42227-0956 | A-42227-0956 |
| 8 | | | 26 | 42227-0957 | A-42227-0957 |
| 9 | 42227-0940 | A-42227-0940 | 27 | 42227-0958 | A-42227-0958 |
| 10 | 42227-0941 | A-42227-0941 | 28 | 42227-0959 | A-42227-0959 |
| 11 | 42227-0942 | A-42227-0942 | 29 | 42227-0960 | A-42227-0960 |
| 12 | 42227-0943 | A-42227-0943 | 30 | 42227-0961 | A-42227-0961 |
| 13 | 42227-0944 | A-42227-0944 | 31 | 42227-0962 | A-42227-0962 |
| 14 | 42227-0945 | A-42227-0945 | 32 | 42227-0963 | A-42227-0963 |
| 15 | 42227-0946 | A-42227-0946 | 33 | 42227-0964 | A-42227-0964 |
| 16 | 42227-0947 | A-42227-0947 | 34 | 42227-0965 | A-42227-0965 |
| 17 | 42227-0948 | A-42227-0948 | 35 | 42227-0966 | A-42227-0966 |
| 18 | 42227-0949 | A-42227-0949 | 36 | 42227-0967 | A-42227-0967 |
| 19 | 42227-0950 | A-42227-0950 | | | |

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

| DIMENSION UNITS | SCALE |
|---|---|
| INCH/MM | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.01 |
| 2 PLACES | ± 0.25 | ± 0.014 |
| 1 PLACE | ± 0.36 | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516585

EC NO: 823299
DRWN: VISHAH2 2025/05/23
CHK'D: GGA 2025/05/29
APPR: GGA 2025/05/29

INITIAL REVISION:
DRWN: DRAWN BY 0099/99/99
APPR: APPR BY 0099/99/99

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 42227

molex

.100 FRICTION LOCK
BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-42227-002 | PSD | 001 | L1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| | GENERAL MARKET | 10 OF 12 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/05/29 13:28:13 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

| A-42227-0968/1001 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 154 |
| PIN LENGTH: L | .670/17.02 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | N/A |
| PC TAIL LENGTH: P | .250/6.35 |
| TIN: T | OVERALL |
| CKTS: | 3-36 |
| KINKS: | NO |
| REMOVED BACKWALLS: | YES |
| VOIDED CKTS: | NONE |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | | | 20 | 42227-0985 | A-42227-0985 |
| 3 | | | 21 | 42227-0986 | A-42227-0986 |
| 4 | 42227-0969 | A-42227-0969 | 22 | 42227-0987 | A-42227-0987 |
| 5 | 42227-0970 | A-42227-0970 | 23 | 42227-0988 | A-42227-0988 |
| 6 | 42227-0971 | A-42227-0971 | 24 | 42227-0989 | A-42227-0989 |
| 7 | 42227-0972 | A-42227-0972 | 25 | 42227-0990 | A-42227-0990 |
| 8 | 42227-0973 | A-42227-0973 | 26 | 42227-0991 | A-42227-0991 |
| 9 | 42227-0974 | A-42227-0974 | 27 | 42227-0992 | A-42227-0992 |
| 10 | 42227-0975 | A-42227-0975 | 28 | 42227-0993 | A-42227-0993 |
| 11 | 42227-0976 | A-42227-0976 | 29 | 42227-0994 | A-42227-0994 |
| 12 | 42227-0977 | A-42227-0977 | 30 | 42227-0995 | A-42227-0995 |
| 13 | 42227-0978 | A-42227-0978 | 31 | 42227-0996 | A-42227-0996 |
| 14 | 42227-0979 | A-42227-0979 | 32 | 42227-0997 | A-42227-0997 |
| 15 | 42227-0980 | A-42227-0980 | 33 | 42227-0998 | A-42227-0998 |
| 16 | 42227-0981 | A-42227-0981 | 34 | 42227-0999 | A-42227-0999 |
| 17 | 42227-0982 | A-42227-0982 | 35 | 42227-1000 | A-42227-1000 |
| 18 | 42227-0983 | A-42227-0983 | 36 | 42227-1001 | A-42227-1001 |
| 19 | 42227-0984 | A-42227-0984 | | | - |

| A-42227-1002/1036 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 228 |
| PIN LENGTH: L | .600/15.24 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | .180/4.57 |
| PC TAIL LENGTH: P | .180/4.57 |
| TIN: T | .135/3.43 |
| CKTS: | 2-36 |
| KINKS: | NO |
| REMOVED BACKWALLS: | NO |
| VOIDED CKTS: | NONE |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | | | 20 | 42227-1020 | A-42227-1020 |
| 3 | 42227-1003 | A-42227-1003 | 21 | 42227-1021 | A-42227-1021 |
| 4 | | | 22 | 42227-1022 | A-42227-1022 |
| 5 | 42227-1005 | A-42227-1005 | 23 | 42227-1023 | A-42227-1023 |
| 6 | 42227-1006 | A-42227-1006 | 24 | 42227-1024 | A-42227-1024 |
| 7 | 42227-1007 | A-42227-1007 | 25 | 42227-1025 | A-42227-1025 |
| 8 | 42227-1008 | A-42227-1008 | 26 | 42227-1026 | A-42227-1026 |
| 9 | 42227-1009 | A-42227-1009 | 27 | 42227-1027 | A-42227-1027 |
| 10 | 42227-1010 | A-42227-1010 | 28 | 42227-1028 | A-42227-1028 |
| 11 | 42227-1011 | A-42227-1011 | 29 | 42227-1029 | A-42227-1029 |
| 12 | 42227-1012 | A-42227-1012 | 30 | 42227-1030 | A-42227-1030 |
| 13 | 42227-1013 | A-42227-1013 | 31 | 42227-1031 | A-42227-1031 |
| 14 | | | 32 | 42227-1032 | A-42227-1032 |
| 15 | 42227-1015 | A-42227-1015 | 33 | 42227-1033 | A-42227-1033 |
| 16 | 42227-1016 | A-42227-1016 | 34 | 42227-1034 | A-42227-1034 |
| 17 | 42227-1017 | A-42227-1017 | 35 | 42227-1035 | A-42227-1035 |
| 18 | 42227-1018 | A-42227-1018 | 36 | 42227-1036 | A-42227-1036 |
| 19 | 42227-1019 | A-42227-1019 | | | - |

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

DIMENSION UNITS: INCH/MM
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.01 |
| 2 PLACES | ± 0.25 | ± 0.014 |
| 1 PLACE | ± 0.36 | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516585

EC NO: 823299
DRWN: VISHAH2 2025/05/23
CHK'D: GGA 2025/05/29
APPR: GGA 2025/05/29

INITIAL REVISION:
DRWN: DRAWN BY 0099/99/99
APPR: APPR BY 0099/99/99

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 42227

molex

.100 FRICTION LOCK
BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-42227-002 | PSD | 001 | L1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| | GENERAL MARKET | 11 OF 12 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/05/29 13:28:13 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

| A-42227-1037/1071 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PLATING: | 228 |
| PIN LENGTH: L | .600/15.24 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | .180/4.57 |
| PC TAIL LENGTH: P | .180/4.57 |
| TIN: T | .135/3.43 |
| CKTS: | 2-36 |
| KINKS: | NO |
| REMOVED BACKWALLS: | YES |
| VOIDED CKTS: | NONE |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 2 | | | 20 | 42227-1055 | A-42227-1055 |
| 3 | 42227-1038 | A-42227-1038 | 21 | 42227-1056 | A-42227-1056 |
| 4 | | | 22 | 42227-1057 | A-42227-1057 |
| 5 | 42227-1040 | A-42227-1040 | 23 | 42227-1058 | A-42227-1058 |
| 6 | 42227-1041 | A-42227-1041 | 24 | 42227-1059 | A-42227-1059 |
| 7 | 42227-1042 | A-42227-1042 | 25 | 42227-1060 | A-42227-1060 |
| 8 | 42227-1043 | A-42227-1043 | 26 | 42227-1061 | A-42227-1061 |
| 9 | 42227-1044 | A-42227-1044 | 27 | 42227-1062 | A-42227-1062 |
| 10 | 42227-1045 | A-42227-1045 | 28 | 42227-1063 | A-42227-1063 |
| 11 | 42227-1046 | A-42227-1046 | 29 | 42227-1064 | A-42227-1064 |
| 12 | | | 30 | 42227-1065 | A-42227-1065 |
| 13 | 42227-1048 | A-42227-1048 | 31 | 42227-1066 | A-42227-1066 |
| 14 | | | 32 | 42227-1067 | A-42227-1067 |
| 15 | 42227-1050 | A-42227-1050 | 33 | 42227-1068 | A-42227-1068 |
| 16 | 42227-1051 | A-42227-1051 | 34 | 42227-1069 | A-42227-1069 |
| 17 | 42227-1052 | A-42227-1052 | 35 | 42227-1070 | A-42227-1070 |
| 18 | 42227-1053 | A-42227-1053 | | | |
| 19 | 42227-1054 | A-42227-1054 | | | - |

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

| DIMENSION UNITS | SCALE |
|---|---|
| INCH/MM | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.01 |
| 2 PLACES | ± 0.25 | ± 0.014 |
| 1 PLACE | ± 0.36 | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516585

EC NO: 823299
DRWN: VISHAH2 2025/05/23
CHK'D: GGA 2025/05/29
APPR: GGA 2025/05/29

INITIAL REVISION:
DRWN: DRAWN BY 0099/99/99
APPR: APPR BY 0099/99/99

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 42227

molex

.100 FRICTION LOCK
BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-42227-002 | PSD | 001 | L1 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| | GENERAL MARKET | 12 OF 12 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/05/29 13:28:13 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01