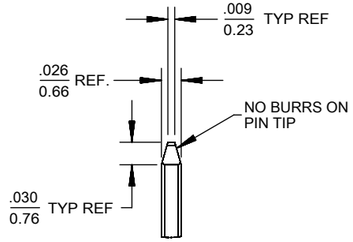
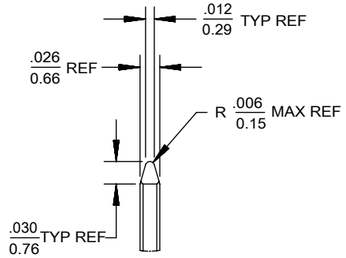
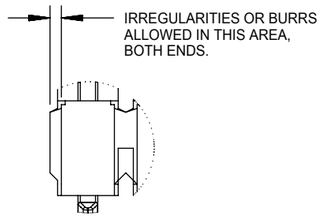
| CKTS | DIM A | DIM B |
|---|---|---|
| 2 | .200/5.08 | .100/2.54 |
| 3 | .300/7.62 | .200/5.08 |
| 4 | .400/10.16 | .300/7.62 |
| 5 | .500/12.70 | .400/10.16 |
| 6 | .600/15.24 | .500/12.70 |
| 7 | .700/17.78 | .600/15.24 |
| 8 | .800/20.32 | .700/17.78 |
| 9 | .900/22.86 | .800/20.32 |
| 10 | 1.000/25.40 | .900/22.86 |
| 11 | 1.100/27.94 | 1.000/25.40 |
| 12 | 1.200/30.48 | 1.100/27.94 |
| 13 | 1.300/33.02 | 1.200/30.48 |
| 14 | 1.400/35.56 | 1.300/33.02 |
| 15 | 1.500/38.10 | 1.400/35.56 |
| 16 | 1.600/40.64 | 1.500/38.10 |
| 17 | 1.700/43.18 | 1.600/40.64 |
| 18 | 1.800/45.72 | 1.700/43.18 |
| 19 | 1.900/48.26 | 1.800/45.72 |
| 20 | 2.000/50.80 | 1.900/48.26 |
| 21 | 2.100/53.34 | 2.000/50.80 |
| 22 | 2.200/55.88 | 2.100/53.34 |
| 23 | 2.300/58.42 | 2.200/55.88 |
| 24 | 2.400/60.96 | 2.300/58.42 |
| 25 | 2.500/63.50 | 2.400/60.96 |
| 26 | 2.600/66.04 | 2.500/63.50 |
| 27 | 2.700/68.58 | 2.600/66.04 |
| 28 | 2.800/71.12 | 2.700/68.58 |
| 29 | 2.900/73.66 | 2.800/71.12 |
| 30 | 3.000/76.20 | 2.900/73.66 |
| 31 | 3.100/78.74 | 3.000/76.20 |
| 32 | 3.200/81.28 | 3.100/78.74 |
| 33 | 3.300/83.82 | 3.200/81.28 |
| 34 | 3.400/86.36 | 3.300/83.82 |
| 35 | 3.500/88.90 | 3.400/86.36 |
| 36 | 3.600/91.44 | 3.500/88.90 |



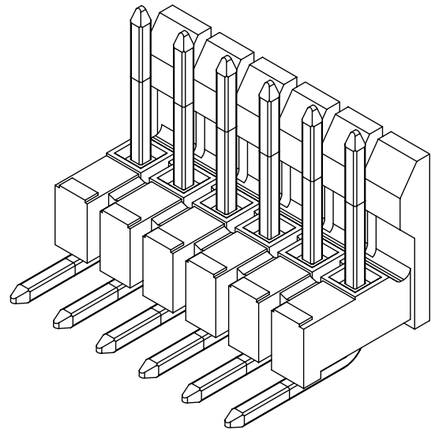

DETAIL X
SCALE 5:1
SEE NOTE 11

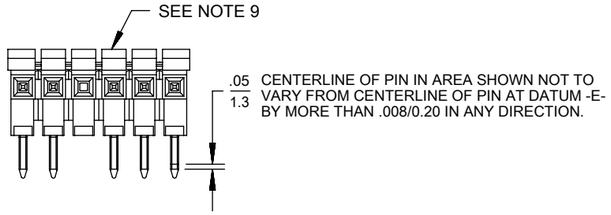


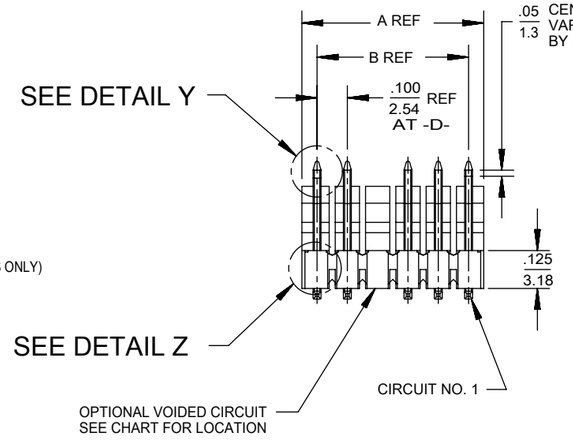

DETAIL Y
SCALE 5:1
SEE NOTE 11

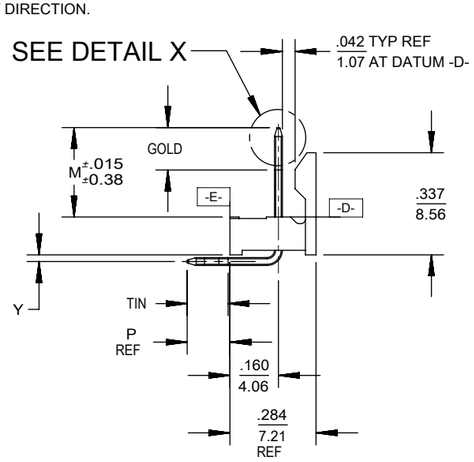


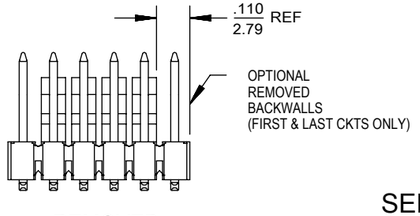

DETAIL Z
SCALE 5:1



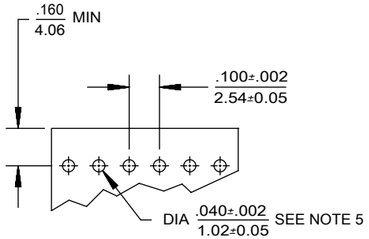


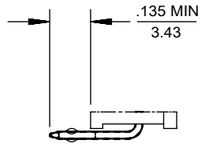




REMOVED BACKWALLS OPTION
SEE NOTE 12




RECOMMENDED PC BOARD LAYOUT




KINKED PIN OPTION
SEE NOTE 5

NOTES:
1. MATERIAL: GLASS FILLED NYLON, 94V-0, COLOR: BLACK
2. FINISH:
   (154) OVERALL TIN: .000100/0.00254 MIN,
   OVER .000050/0.00127 MIN NICKEL.
   (208) SELECT GOLD: .000015/0.00038 MIN,
   SELECT TIN: .000100/0.00254 MIN,
   OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
   (228) SELECT GOLD: .000030/0.00076 MIN,
   SELECT TIN: .000100/0.00254 MIN,
   OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
3. PRODUCT SPECIFICATION: PS-10-07
4. PACKAGING INFORMATION: SEE TABLES
5. 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.
6. HEADERS ARE NOT STACKABLE ON .100/2.54 CENTERS.
7. SOLDERABILITY PER SMES-152.
8. PIN PUSH OUT FORCE: 3 LBS. MIN.
9. ABRASION MARKS ON BACK WALL SURFACE ARE PERMISSIBLE.
10. PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
11. PIN TIP DIMENSIONS ARE SHOWN FOR REFERENCE ONLY. DIMENSIONS APPLY PRIOR TO PLATING OR ASSEMBLY.
12. FIRST AND LAST CIRCUIT BACKWALLS MUST BE REMOVED WHEN MATING TO A PART WITH POLARIZING RIBS.
13. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

| DOCUMENT STATUS | P1 | RELEASE DATE | 2019/05/20 06:20:16 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: D
DATE: 2018/01/18

SYMBOLS: ▽F = 0, ▽E = 0, ▽D = 0, ▽C = 0, ▼ = 0, ▽B = 0, ☒ = 0, ■ = 0, ▽A = 0

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

DIMENSION UNITS: IN/MM
SCALE: 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: ADDED NEW P/N

EC NO: 617300
DRWN: SS06 2019/05/14
CHK'D: ISHWARG 2019/05/20
APPR: ISHWARG 2019/05/20
INITIAL REVISION:
DRWN: JSCHAFER 2004/03/18
APPR: MARGULIS 2004/03/18

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 42228

molex

.100 FRICTION LOCK BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-42228-001 | PSD | 001 | L9 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE CHART | GENERAL MARKET | 1 OF 5 |

| A-42228-0002/0036 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PIN NUMBER: | 154 |
| PIN LENGTH: L | .705/17.91 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | N/A |
| PC TAIL LENGTH: P | .120/3.05 |
| TIN: T | OVERALL |
| DIMENSION Y | .022/0.56 |
| 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 |
|---|---|---|---|---|---|
| 02 | 22-28-1020 | A-42228-0002 | 20 | 22-28-1200 | A-42228-0020 |
| 03 | 22-28-1030 | A-42228-0003 | 21 | 22-28-1210 | A-42228-0021 |
| 04 | 22-28-1040 | A-42228-0004 | 22 | 22-28-1220 | A-42228-0022 |
| 05 | 22-28-1050 | A-42228-0005 | 23 | 22-28-1230 | A-42228-0023 |
| 06 | 22-28-1060 | A-42228-0006 | 24 | 22-28-1240 | A-42228-0024 |
| 07 | 22-28-1070 | A-42228-0007 | 25 | 22-28-1250 | A-42228-0025 |
| 08 | 22-28-1080 | A-42228-0008 | 26 | 22-28-1260 | A-42228-0026 |
| 09 | 22-28-1090 | A-42228-0009 | 27 | 22-28-1270 | A-42228-0027 |
| 10 | 22-28-1100 | A-42228-0010 | 28 | 22-28-1280 | A-42228-0028 |
| 11 | 22-28-1110 | A-42228-0011 | 29 | 22-28-1290 | A-42228-0029 |
| 12 | 22-28-1120 | A-42228-0012 | 30 | 22-28-1300 | A-42228-0030 |
| 13 | 22-28-1130 | A-42228-0013 | 31 | 22-28-1310 | A-42228-0031 |
| 14 | 22-28-1140 | A-42228-0014 | 32 | 22-28-1320 | A-42228-0032 |
| 15 | 22-28-1150 | A-42228-0015 | 33 | 22-28-1330 | A-42228-0033 |
| 16 | 22-28-1160 | A-42228-0016 | 34 | 22-28-1340 | A-42228-0034 |
| 17 | 22-28-1170 | A-42228-0017 | 35 | 22-28-1350 | A-42228-0035 |
| 18 | 22-28-1180 | A-42228-0018 | 36 | 22-28-1360 | A-42228-0036 |
| 19 | 22-28-1190 | A-42228-0019 | | | |

| A-42228-0037/0071 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PIN NUMBER: | 208 |
| PIN LENGTH: L | .705/17.91 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | .140/3.56 |
| PC TAIL LENGTH: P | .120/3.05 |
| TIN: T | .135/3.43 |
| DIMENSION Y | .022/0.56 |
| 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 |
|---|---|---|---|---|---|
| 02 | 22-28-1021 | A-42228-0037 | 20 | 22-28-1201 | A-42228-0055 |
| 03 | 22-28-1031 | A-42228-0038 | 21 | 22-28-1211 | A-42228-0056 |
| 04 | 22-28-1041 | A-42228-0039 | 22 | 22-28-1221 | A-42228-0057 |
| 05 | 22-28-1051 | A-42228-0040 | 23 | 22-28-1231 | A-42228-0058 |
| 06 | 22-28-1061 | A-42228-0041 | 24 | 22-28-1241 | A-42228-0059 |
| 07 | 22-28-1071 | A-42228-0042 | 25 | 22-28-1251 | A-42228-0060 |
| 08 | 22-28-1081 | A-42228-0043 | 26 | 22-28-1261 | A-42228-0061 |
| 09 | 22-28-1091 | A-42228-0044 | 27 | 22-28-1271 | A-42228-0062 |
| 10 | 22-28-1101 | A-42228-0045 | 28 | 22-28-1281 | A-42228-0063 |
| 11 | 22-28-1111 | A-42228-0046 | 29 | 22-28-1291 | A-42228-0064 |
| 12 | 22-28-1121 | A-42228-0047 | 30 | 22-28-1301 | A-42228-0065 |
| 13 | 22-28-1131 | A-42228-0048 | 31 | 22-28-1311 | A-42228-0066 |
| 14 | 22-28-1141 | A-42228-0049 | 32 | 22-28-1321 | A-42228-0067 |
| 15 | 22-28-1151 | A-42228-0050 | 33 | 22-28-1332 | A-42228-0068 |
| 16 | 22-28-1161 | A-42228-0051 | 34 | 22-28-1341 | A-42228-0069 |
| 17 | 22-28-1171 | A-42228-0052 | 35 | 22-28-1351 | A-42228-0070 |
| 18 | 22-28-1181 | A-42228-0053 | 36 | 22-28-1361 | A-42228-0071 |
| 19 | 22-28-1191 | A-42228-0054 | | | |

SYMBOLS
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DIMENSION UNITS: IN/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: ADDED NEW P/N

EC NO: 617300
DRWN: SS06 2019/05/14
CHK'D: ISHWARG 2019/05/20
APPR: ISHWARG 2019/05/20

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

THIRD ANGLE PROJECTION
DRAWING: B-SIZE
SERIES: 42228

molex

.100 FRICTION LOCK
BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-42228-001 | PSD | 001 | L9 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE CHART | GENERAL MARKET | 2 OF 5 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2019/05/20 06:20:16 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: D
DATE: 2018/01/18

| A-42228-0072/0106 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PIN NUMBER: | 228 |
| PIN LENGTH: L | .705/17.91 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | .140/3.56 |
| PC TAIL LENGTH: P | .120/3.05 |
| TIN: T | .135/3.43 |
| DIMENSION Y | .022/0.56 |
| 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 |
|---|---|---|---|---|---|
| 02 | 22-28-1022 | A-42228-0072 | 20 | 22-28-1202 | A-42228-0090 |
| 03 | 22-28-1032 | A-42228-0073 | 21 | 22-28-1212 | A-42228-0091 |
| 04 | 22-28-1042 | A-42228-0074 | 22 | 22-28-1222 | A-42228-0092 |
| 05 | 22-28-1052 | A-42228-0075 | 23 | 22-28-1232 | A-42228-0093 |
| 06 | 22-28-1062 | A-42228-0076 | 24 | 22-28-1242 | A-42228-0094 |
| 07 | 22-28-1072 | A-42228-0077 | 25 | 22-28-1252 | A-42228-0095 |
| 08 | 22-28-1082 | A-42228-0078 | 26 | 22-28-1262 | A-42228-0096 |
| 09 | 22-28-1092 | A-42228-0079 | 27 | 22-28-1272 | A-42228-0097 |
| 10 | 22-28-1102 | A-42228-0080 | 28 | 22-28-1282 | A-42228-0098 |
| 11 | 22-28-1112 | A-42228-0081 | 29 | 22-28-1292 | A-42228-0099 |
| 12 | 22-28-1122 | A-42228-0082 | 30 | 22-28-1302 | A-42228-0100 |
| 13 | 22-28-1132 | A-42228-0083 | 31 | 22-28-1312 | A-42228-0101 |
| 14 | 22-28-1142 | A-42228-0084 | 32 | 22-28-1322 | A-42228-0102 |
| 15 | 22-28-1152 | A-42228-0085 | 33 | 22-28-1332 | A-42228-0103 |
| 16 | 22-28-1162 | A-42228-0086 | 34 | 22-28-1342 | A-42228-0104 |
| 17 | 22-28-1172 | A-42228-0087 | 35 | 22-28-1352 | A-42228-0105 |
| 18 | 22-28-1182 | A-42228-0088 | 36 | 22-28-1362 | A-42228-0106 |
| 19 | 22-28-1192 | A-42228-0089 | | | |

| A-42228-0107/0141 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PIN NUMBER: | 154 |
| PIN LENGTH: L | .720/18.29 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | N/A |
| PC TAIL LENGTH: P | .135/3.43 |
| TIN: T | OVERALL |
| DIMENSION Y | .022/0.56 |
| CKTS: | 2-36 |
| KINKS: | YES SMES-42003 |
| REMOVED BACKWALLS: | NO |
| VOIDED CKTS: | NONE |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 02 | 22-28-1023 | A-42228-0107 | 20 | 22-28-1203 | A-42228-0125 |
| 03 | 22-28-1033 | A-42228-0108 | 21 | 22-28-1213 | A-42228-0126 |
| 04 | 22-28-1043 | A-42228-0109 | 22 | 22-28-1223 | A-42228-0127 |
| 05 | 22-28-1053 | A-42228-0110 | 23 | 22-28-1233 | A-42228-0128 |
| 06 | 22-28-1063 | A-42228-0111 | 24 | 22-28-1243 | A-42228-0129 |
| 07 | 22-28-1073 | A-42228-0112 | 25 | 22-28-1253 | A-42228-0130 |
| 08 | 22-28-1083 | A-42228-0113 | 26 | 22-28-1263 | A-42228-0131 |
| 09 | 22-28-1093 | A-42228-0114 | 27 | 22-28-1273 | A-42228-0132 |
| 10 | 22-28-1103 | A-42228-0115 | 28 | 22-28-1283 | A-42228-0133 |
| 11 | 22-28-1113 | A-42228-0116 | 29 | 22-28-1293 | A-42228-0134 |
| 12 | 22-28-1123 | A-42228-0117 | 30 | 22-28-1303 | A-42228-0135 |
| 13 | 22-28-1133 | A-42228-0118 | 31 | 22-28-1313 | A-42228-0136 |
| 14 | 22-28-1143 | A-42228-0119 | 32 | 22-28-1323 | A-42228-0137 |
| 15 | 22-28-1153 | A-42228-0120 | 33 | 22-28-1333 | A-42228-0138 |
| 16 | 22-28-1163 | A-42228-0121 | 34 | 22-28-1343 | A-42228-0139 |
| 17 | 22-28-1173 | A-42228-0122 | 35 | 22-28-1353 | A-42228-0140 |
| 18 | 22-28-1183 | A-42228-0123 | 36 | 22-28-1363 | A-42228-0141 |
| 19 | 22-28-1193 | A-42228-0124 | | | |

SYMBOLS

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DIMENSION UNITS: IN/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: ADDED NEW P/N

EC NO: 617300

DRWN: SS06 2019/05/14

CHK'D: ISHWARG 2019/05/20

APPR: ISHWARG 2019/05/20

INITIAL REVISION:

DRWN: JSCHAFER 2004/03/18

APPR: MARGULIS 2004/03/18

THIRD ANGLE PROJECTION

DRAWING: B-SIZE

SERIES: 42228

molex

.100 FRICTION LOCK
BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-42228-001 | PSD | 001 | L9 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE CHART | GENERAL MARKET | 3 OF 5 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2019/05/20 06:20:16 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: D
DATE: 2018/01/18

| A-42228-0142/0176 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PIN NUMBER: | 208 |
| PIN LENGTH: L | .720/18.29 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | .140/3.56 |
| PC TAIL LENGTH: P | .135/3.43 |
| TIN: T | .135/3.43 |
| DIMENSION Y | .022/0.56 |
| CKTS: | 2-36 |
| KINKS: | YES SMES-42003 |
| REMOVED BACKWALLS: | NO |
| VOIDED CKTS: | NONE |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 02 | 22-28-1024 | A-42228-0142 | 20 | 22-28-1204 | A-42228-0160 |
| 03 | 22-28-1034 | A-42228-0143 | 21 | 22-28-1214 | A-42228-0161 |
| 04 | 22-28-1044 | A-42228-0144 | 22 | 22-28-1224 | A-42228-0162 |
| 05 | 22-28-1054 | A-42228-0145 | 23 | 22-28-1234 | A-42228-0163 |
| 06 | 22-28-1064 | A-42228-0146 | 24 | 22-28-1244 | A-42228-0164 |
| 07 | 22-28-1074 | A-42228-0147 | 25 | 22-28-1254 | A-42228-0165 |
| 08 | 22-28-1084 | A-42228-0148 | 26 | 22-28-1264 | A-42228-0166 |
| 09 | 22-28-1094 | A-42228-0149 | 27 | 22-28-1274 | A-42228-0167 |
| 10 | 22-28-1104 | A-42228-0150 | 28 | 22-28-1284 | A-42228-0168 |
| 11 | 22-28-1114 | A-42228-0151 | 29 | 22-28-1294 | A-42228-0169 |
| 12 | 22-28-1124 | A-42228-0152 | 30 | 22-28-1304 | A-42228-0170 |
| 13 | 22-28-1134 | A-42228-0153 | 31 | 22-28-1314 | A-42228-0171 |
| 14 | 22-28-1144 | A-42228-0154 | 32 | 22-28-1324 | A-42228-0172 |
| 15 | 22-28-1154 | A-42228-0155 | 33 | 22-28-1334 | A-42228-0173 |
| 16 | 22-28-1164 | A-42228-0156 | 34 | 22-28-1344 | A-42228-0174 |
| 17 | 22-28-1174 | A-42228-0157 | 35 | 22-28-1354 | A-42228-0175 |
| 18 | 22-28-1184 | A-42228-0158 | 36 | 22-28-1364 | A-42228-0176 |
| 19 | 22-28-1194 | A-42228-0159 | | | |

| A-42228-0177/0211 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PIN NUMBER: | 228 |
| PIN LENGTH: L | .720/18.29 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | .140/3.56 |
| PC TAIL LENGTH: P | .135/3.43 |
| TIN: T | .135/3.43 |
| DIMENSION Y | .022/0.56 |
| CKTS: | 2-36 |
| KINKS: | YES SMES-42003 |
| REMOVED BACKWALLS: | NO |
| VOIDED CKTS: | NONE |
| PACKAGING: | BULK, PER PK-40873-0056 |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 02 | 22-28-1025 | A-42228-0177 | 20 | 22-28-1205 | A-42228-0195 |
| 03 | 22-28-1035 | A-42228-0178 | 21 | 22-28-1215 | A-42228-0196 |
| 04 | 22-28-1045 | A-42228-0179 | 22 | 22-28-1225 | A-42228-0197 |
| 05 | 22-28-1055 | A-42228-0180 | 23 | 22-28-1235 | A-42228-0198 |
| 06 | 22-28-1065 | A-42228-0181 | 24 | 22-28-1245 | A-42228-0199 |
| 07 | 22-28-1075 | A-42228-0182 | 25 | 22-28-1255 | A-42228-0200 |
| 08 | 22-28-1085 | A-42228-0183 | 26 | 22-28-1265 | A-42228-0201 |
| 09 | 22-28-1095 | A-42228-0184 | 27 | 22-28-1275 | A-42228-0202 |
| 10 | 22-28-1105 | A-42228-0185 | 28 | 22-28-1285 | A-42228-0203 |
| 11 | 22-28-1115 | A-42228-0186 | 29 | 22-28-1295 | A-42228-0204 |
| 12 | 22-28-1125 | A-42228-0187 | 30 | 22-28-1305 | A-42228-0205 |
| 13 | 22-28-1135 | A-42228-0188 | 31 | 22-28-1315 | A-42228-0206 |
| 14 | 22-28-1145 | A-42228-0189 | 32 | 22-28-1325 | A-42228-0207 |
| 15 | 22-28-1155 | A-42228-0190 | 33 | 22-28-1335 | A-42228-0208 |
| 16 | 22-28-1165 | A-42228-0191 | 34 | 22-28-1345 | A-42228-0209 |
| 17 | 22-28-1175 | A-42228-0192 | 35 | 22-28-1355 | A-42228-0210 |
| 18 | 22-28-1185 | A-42228-0193 | 36 | 22-28-1365 | A-42228-0211 |
| 19 | 22-28-1195 | A-42228-0194 | | | |

SYMBOLS

▽ = 0
▽ = 0
▽ = 0
▽ = 0
▼ = 0
▽ = 0
☒ = 0
■ = 0
▽ = 0

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

DIMENSION UNITS: IN/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: ADDED NEW P/N

EC NO: 617300
DRWN: SS06 2019/05/14
CHK'D: ISHWARG 2019/05/20
APPR: ISHWARG 2019/05/20

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

THIRD ANGLE PROJECTION

DRAWING: B-SIZE
SERIES: 42228

molex

.100 FRICTION LOCK
BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-42228-001 | PSD | 001 | L9 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE CHART | GENERAL MARKET | 4 OF 5 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2019/05/20 06:20:16 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: D
DATE: 2018/01/18

| 42228-0212/0246 | |
|---|---|
| HEADER NUMBER: | 41411 |
| PIN NUMBER: | 154 |
| PIN LENGTH: L | .705/17.91 |
| MATING LENGTH: M | .295/7.49 |
| GOLD POINT: G | N/A |
| PC TAIL LENGTH: P | .120/3.05 |
| TIN: T | OVERALL |
| DIMENSION Y | .022/0.56 |
| CKTS: | 2-36 |
| KINKS: | NO |
| REMOVED BACKWALLS: | NO |
| VOIDED CKTS: | NONE |
| PACKAGING: | TAPE AND REEL, 422281000-PK |

| CKTS | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
|---|---|---|---|---|---|
| 02 | | | 20 | | |
| 03 | 42228-0213 | 42228-0213 | 21 | | |
| 04 | | | 22 | | |
| 05 | | | 23 | | |
| 06 | | | 24 | | |
| 07 | | | 25 | | |
| 08 | | | 26 | | |
| 09 | | | 27 | | |
| 10 | | | 28 | | |
| 11 | | | 29 | | |
| 12 | | | 30 | | |
| 13 | | | 31 | | |
| 14 | | | 32 | | |
| 15 | | | 33 | | |
| 16 | | | 34 | | |
| 17 | | | 35 | | |
| 18 | | | 36 | | |
| 19 | | | | | |

SYMBOLS
E = 0
E = 0
P = 0
S = 0
▼ = 0
V = 0
☒ = 0
■ = 0
▽ = 0

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

DIMENSION UNITS: IN/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: ADDED NEW P/N

EC NO: 617300
DRWN: SS06 2019/05/14
CHK'D: ISHWARG 2019/05/20
APPR: ISHWARG 2019/05/20

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

THIRD ANGLE PROJECTION

DRAWING: B-SIZE
SERIES: 42228

molex

.100 FRICTION LOCK
BREAKAWAY HEADER ASSY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-42228-001 | PSD | 001 | L9 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE CHART | GENERAL MARKET | 5 OF 5 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2019/05/20 06:20:16 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: D
DATE: 2018/01/18