



RECOMMENDED PCB LAYOUT

NOTES:

1. TERMINAL MAT'L: ALLOY C26000, CARTRIDGE BRASS
2. WAFER MAT'L: 30% GLASS FILLED LCP, 94V-0, COLOR BLACK.
3. TERMINAL PLATING:
 OPTION 1 - 2.5µm MIN MATTE TIN OVERALL OVER 1.50µm MIN. NICKEL OVERALL
 OPTION 2 - 1.50µm MIN. NICKEL OVERALL 4.00µm MIN SELECT MATTE TIN PC TAIL AREA 0.05µm MIN SELECT GOLD CONTACT AREA
 OPTION 3 - 1.50µm MIN. NICKEL OVERALL 4.00µm MIN SELECT MATTE TIN PC TAIL AREA 0.50µm MIN. SELECT GOLD CONTACT AREA
 OPTION 4 - 1.5µm MIN MATTE TIN OVERALL OVER 1.50µm MIN. NICKEL OVERALL
4. HEADER ASSEMBLIES ARE TUBE PACKAGED PER PK-36518-342.
5. MAXIMUM SKIVING ALLOWED: 1mm.
6. MAXIMUM CUT-OFF BURR ALLOWED: 0.30mm.
7. MAXIMUM DIG MARK ALLOWED: 0.45mm.
8. ALL THE POSITIONAL TOLERANCES SHOULD BE MEASURED AT TIP OF THE TERMINALS.
9. POSITION TOLERANCE OF PIN AT MATING SIDE SHOULD BE MAINTAINED AT 0.3MM IN THE FINAL MODULE BY CUSTOMER.
10. [G] DENOTES DIMENSIONS THAT CAN BE QUALIFIED WITH GAUGE
11. BLADE GEOMETRY DOES NOT CONFORM TO USCAR SPECIFICATIONS
12. PLEASE REFER USCAR WEBSITE FOR 1.5mm DIRECT CONNECT INTERFACE (SHROUD) DETAILS
13. PLEASE REFER SD-33472-0001 FOR 2 X 10 SHROUD DETAILS

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|---------|---|-------|--|--|---------|--|----------------|--|------------------------|--------------------------|--|
| SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | |
| | DIMENSION UNITS | SCALE | CURRENT REV DESC: Five PN's: 757570123, 757570133, 757570153, 757570221 & 757570443 ARE OBSOLETE | | | | | | | | |
| ∇ = 0 | mm | 4:1 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | |
| ∇ = 0 | ANGULAR TOL ± 0.5° | | EC NO: 633184 | | | | | | | PRODUCT CUSTOMER DRAWING | |
| ∇ = 0 | 4 PLACES ± | | DRWN: RYELAVATTITH 2020/02/26 | | | | | | | | |
| ∇ = 0 | 3 PLACES ± | | CHK'D: RYELAVATTITH 2020/03/02 | | | | | | | DOC TYPE PSD | |
| ∇ = 0 | 2 PLACES ± 0.13 | | APPR: SNAYAK01 2020/03/02 | | | | | | | | |
| ∇ = 0 | 1 PLACE ± 0.25 | | INITIAL REVISION: | | | | | | | REVISION L5 | |
| ∇ = 0 | 0 PLACES ± | | DRWN: TMCLELL 2006/01/27 | | | | | | | | |
| ∇ = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | CUSTOMER | | |
| ∇ = 0 | | | A2-SIZE | | 75757 | | GENERAL MARKET | | SHEET NUMBER 1 OF 2 | | |

| | | TOOLED | | | | TOOLED | | | | TOOLED | | | | TOOLED | | | | STATUS | | | |
|----------|----------------|-----------------|----------|---------|---------|-----------------|----------|---------|---------|-----------------|----------|---------|---------|-----------------|----------|---------|---------|---------|---------|--|--|
| 1 x 2 | 1 | 75757-0121 | | | | 75757-0122 | OBSOLETE | | | 75757-0123 | OBSOLETE | | | 75757-0124 | | | | 7 | 3.5 | | |
| | 2 | 75757-0221 | OBSOLETE | | | 75757-0222 | OBSOLETE | | | 75757-0223 | OBSOLETE | | | 75757-0224 | OBSOLETE | | | | | | |
| | 3 | 75757-0321 | OBSOLETE | | | 75757-0322 | OBSOLETE | | | 75757-0323 | OBSOLETE | | | 75757-0324 | OBSOLETE | | | | | | |
| | 4 | 75757-0421 | OBSOLETE | | | 75757-0422 | OBSOLETE | | | 75757-0423 | OBSOLETE | | | 75757-0424 | OBSOLETE | | | | | | |
| 1 x 3 | 1 | 75757-0131 | | | | 75757-0132 | OBSOLETE | | | 75757-0133 | OBSOLETE | | | 75757-0134 | | | | 10.5 | 7.00 | | |
| | 2 | 75757-0231 | OBSOLETE | | | 75757-0232 | OBSOLETE | | | 75757-0233 | OBSOLETE | | | 75757-0234 | OBSOLETE | | | | | | |
| | 3 | 75757-0331 | OBSOLETE | | | 75757-0332 | OBSOLETE | | | 75757-0333 | OBSOLETE | | | 75757-0334 | OBSOLETE | | | | | | |
| | 4 | 75757-0431 | OBSOLETE | | | 75757-0432 | OBSOLETE | | | 75757-0433 | OBSOLETE | | | 75757-0434 | OBSOLETE | | | | | | |
| 1 x 4 | 1 | 75757-0141 | | | | 75757-0142 | OBSOLETE | | | 75757-0143 | OBSOLETE | | | 75757-0144 | OBSOLETE | | | 14.0 | 10.50 | | |
| | 2 | 75757-0241 | OBSOLETE | | | 75757-0242 | OBSOLETE | | | 75757-0243 | OBSOLETE | | | 75757-0244 | OBSOLETE | | | | | | |
| | 3 | 75757-0341 | OBSOLETE | | | 75757-0342 | OBSOLETE | | | 75757-0343 | OBSOLETE | | | 75757-0344 | OBSOLETE | | | | | | |
| | 4 | 75757-0441 | | | | 75757-0442 | OBSOLETE | | | 75757-0443 | OBSOLETE | | | 75757-0444 | OBSOLETE | | | | | | |
| 1 x 5 | 1 | 75757-0151 | | | | 75757-0152 | OBSOLETE | | | 75757-0153 | OBSOLETE | | | 75757-0154 | OBSOLETE | | | 17.5 | 14.00 | | |
| | 2 | 75757-0251 | OBSOLETE | | | 75757-0252 | OBSOLETE | | | 75757-0253 | OBSOLETE | | | 75757-0254 | OBSOLETE | | | | | | |
| | 3 | 75757-0351 | OBSOLETE | | | 75757-0352 | OBSOLETE | | | 75757-0353 | OBSOLETE | | | 75757-0354 | OBSOLETE | | | | | | |
| | 4 | 75757-0451 | OBSOLETE | | | 75757-0452 | OBSOLETE | | | 75757-0453 | OBSOLETE | | | 75757-0454 | OBSOLETE | | | | | | |
| 1 x 6 | 1 | 75757-0161 | | | | 75757-0162 | OBSOLETE | | | 75757-0163 | OBSOLETE | | | 75757-0164 | OBSOLETE | | | 21.0 | 17.50 | | |
| | 2 | 75757-0261 | OBSOLETE | | | 75757-0262 | OBSOLETE | | | 75757-0263 | OBSOLETE | | | 75757-0264 | OBSOLETE | | | | | | |
| | 3 | 75757-0361 | OBSOLETE | | | 75757-0362 | OBSOLETE | | | 75757-0363 | OBSOLETE | | | 75757-0364 | OBSOLETE | | | | | | |
| | 4 | 75757-0461 | OBSOLETE | | | 75757-0462 | OBSOLETE | | | 75757-0463 | OBSOLETE | | | 75757-0464 | OBSOLETE | | | | | | |
| CKT SIZE | PLATING OPTION | MATERIAL NUMBER | STATUS | "F" DIM | "C" DIM | MATERIAL NUMBER | STATUS | "F" DIM | "C" DIM | MATERIAL NUMBER | STATUS | "F" DIM | "C" DIM | MATERIAL NUMBER | STATUS | "F" DIM | "C" DIM | "A" DIM | "B" DIM | | |

| | | | | | | | | | | | | | | | | | | | |
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| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: Five PN's: 757570123, 757570133, 757570153, 757570221 & 757570443 ARE OBSOLETE | | | | | | | | | | | | | | | |
| mm | | 1:1 | | <p>molex</p> <p>MX150 SINGLE ROW UNSHROUDED VERTICAL HEADER ASSEMBLY</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: SD-75757-010 DOC TYPE: PSD DOC PART: 001 REVISION: L5</p> <p>MATERIAL NUMBER: 75757 CUSTOMER: GENERAL MARKET SHEET NUMBER: 2 OF 2</p> | | | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | | | | | | | |
| ANGULAR TOL ± 0.5° | | | | | | | | | | | | | | | | | | | |
| INITIAL REVISION: | | | | | | | | | | | | | | | | | | | |
| ▽ = 0 | 4 PLACES ± | DRWN: RYELAVATTITH 2020/02/26 | | | | | | | | | | | | | | | | | |
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| ▽ = 0 | 2 PLACES ± 0.13 | APPR: SNAYAK01 2020/03/02 | | | | | | | | | | | | | | | | | |
| ▽ = 0 | 1 PLACE ± 0.25 | DRWN: TMCLELL 2006/01/27 | | | | | | | | | | | | | | | | | |
| ▽ = 0 | 0 PLACES ± | APPR: MBANAKIS 2006/02/03 | | | | | | | | | | | | | | | | | |
| ■ = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | | | | | | |
| ▽ = 0 | | | A2-SIZE | | 75757 | | GENERAL MARKET | | 2 OF 2 | | | | | | | | | | |