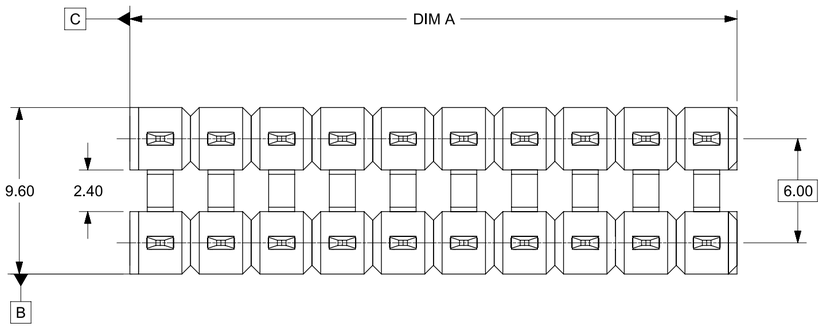
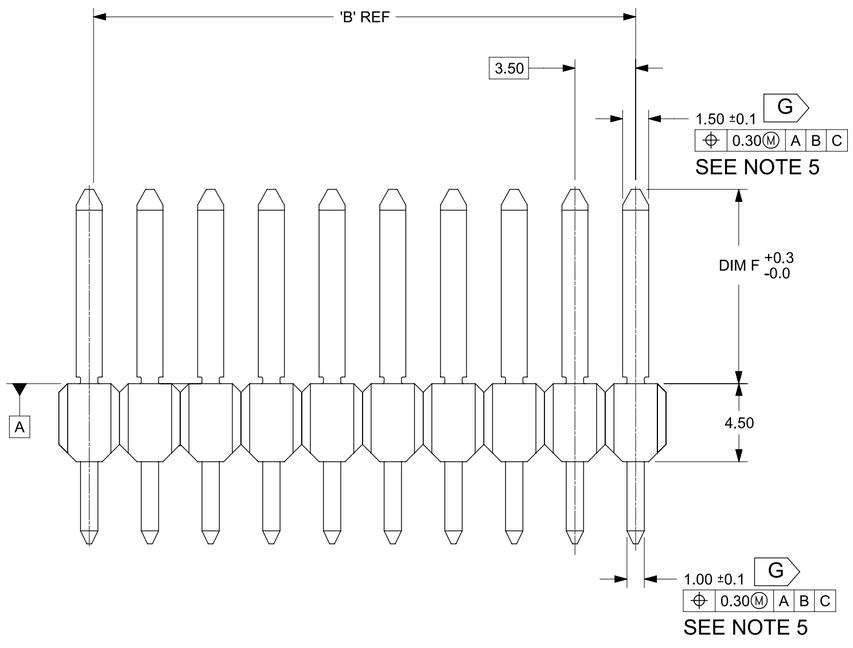
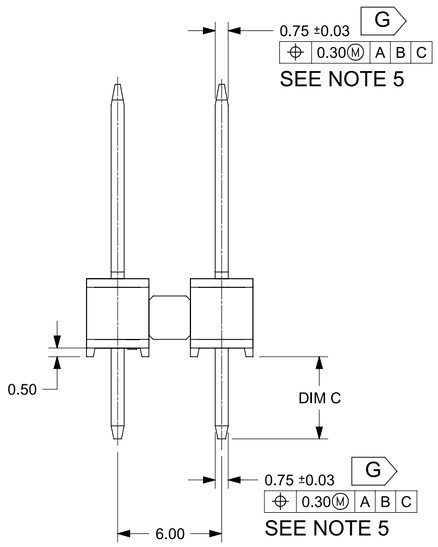
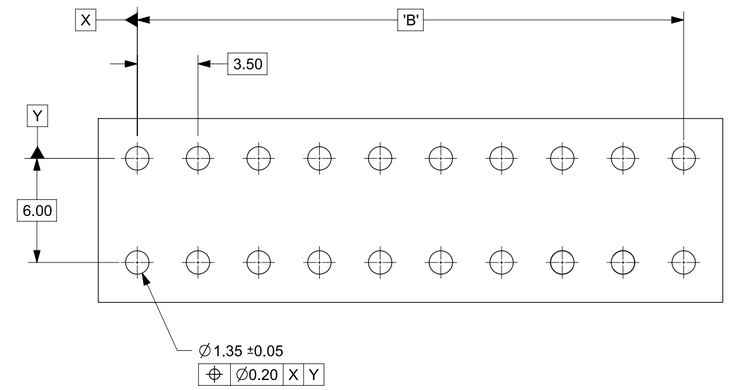



NOTES:
1. TERMINAL MAT'L: ALLOY C26000, CARTRIDGE BRASS
2. WAFER MAT'L: 30% GLASS FILLED LCP, 94V-0, COLOR BLACK.
3. TERMINAL PLATING:
   OPTION 4 - 1.5µm MIN MATTE TIN OVERALL OVER 1.25µm NICKEL OVERALL
   OPTION 1 - 2.5µm MIN MATTE TIN OVERALL OVER 1.25µm NICKEL OVERALL
   OPTION 2 - 1.25m NICKEL OVERALL 2.5µm MIN SELECT MATTE TIN PC TAIL
   AREA 0.05-0.25µm SELECT GOLD CONTACT AREA
   OPTION 3 - 1.25m NICKEL OVERALL 2.5µm MIN SELECT MATTE TIN PC TAIL
   AREA 0.75µm SELECT GOLD CONTACT AREA
4. HEADER ASSEMBLIES ARE TUBE PACKAGED PER PK-36518-340.
5. ALL THE POSITIONAL TOLERANCES SHOULD BE MEASURED AT TIP OF THE TERMINALS.
6. DATUMS SHOULD BE CONSIDERED FROM THE EDGES OF THE HOUSING.
7. POSITION TOLERANCE OF PIN AT MATING SIDE SHOULD BE MAINTAINED AT 0.3MM IN THE FINAL MODULE BY CUSTOMER.
8. G DENOTES DIMENSIONS THAT CAN BE QUALIFIED WITH A GAUGE
9. BLADE GEOMETRY DOES NOT CONFORM TO USCAR SPECIFICATIONS
10. PLEASE REFER USCAR WEBSITE FOR 1.5mm DIRECT CONNECT INTERFACE (SHROUD) DETAILS
11. PLEASE REFER SD-33472-0001 FOR 2 X 10 SHROUD DETAILS.




RECOMMENDED PCB LAYOUT

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

| DIMENSION UNITS | SCALE |
|---|---|
| mm | 4:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
| ANGULAR TOL | ± 0.5° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± 0.130 |
| 1 PLACE | ± 0.25 |
| 0 PLACES | ± |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#515181.

STATUS: Production

| | | |
|---|---|---|
| DRWN: | Ravindra Reddy MS | 2024-07-19 |
| CHK'D: | Ganesh Rao B | 2024-08-14 |
| APPR: | Gurunandan GA | 2024-08-14 |

molex

MX150 DUAL ROW
UNSHROUDED VERTICAL HEADER ASSEMBLY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-75757-002 | PSD | 001 | G6 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A2-SIZE | 75757 | SEE TABLE | GENERAL MARKET | 1 OF 2 |

FORMAT TC-dvprod-A2
REVISION: B
DATE: 2022/08/01

| CKT SIZE | PLATING OPTION | MATERIAL NUMBER | "C" DIM | "F" DIM | MATERIAL NUMBER | "C" DIM | "F" DIM | "A" DIM | "B" DIM |
|---|---|---|---|---|---|---|---|---|---|
| 2 x 2 | 1 | 75757-5121 | 3.05 | 16.09 | 75757-1121 | 3.05 | 11.20 | 7.0 | 3.50 REF |
| | 2 | ---------- | | | 75757-1221 | | | | |
| | 4 | 75757-5421 | | | ---------- | | | | |
| 2 x 3 | 1 | 75757-5131 | | | 75757-1131 | | | 10.5 | 7.00 |
| | 4 | 75757-5431 | | | 75757-1431 | | | | |
| 2 x 4 | 1 | 75757-5141 | | | ---------- | | | 14.0 | 10.50 |
| | 2 | 75757-5241 | | | 75757-1241 | | | | |
| | 4 | 75757-5441 | | | 75757-1441 | | | | |
| 2 x 6 | 1 | ---------- | | | 75757-1161 | | | 21.0 | 17.50 |
| | 2 | 75757-5261 | | | 75757-1261 | | | | |
| | 3 | 75757-5361 | | | ---------- | | | | |
| | 4 | 75757-5461 | | | 75757-1461 | | | | |
| 2 x 8 | 1 | ---------- | | | 75757-1181 | | | 28.0 | 24.50 |
| | 3 | 75757-5381 | | | ---------- | | | | |
| | 4 | 75757-5481 | | | 75757-1481 | | | | |
| 2 x 10 | 1 | 75757-5101 | | | 75757-1101 | | | 35.0 | 31.50 |
| | 2 | 75757-5201 | | | ---------- | | | | |
| | 3 | 75757-5301 | | | ---------- | | | | |
| | 4 | 75757-5401 | | | 75757-1401 | | | | |

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| DIMENSION UNITS | SCALE |
|---|---|
| mm | 1:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
| ANGULAR TOL | ± 0.5° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± 0.130 |
| 1 PLACE | ± 0.25 |
| 0 PLACES | ± |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#515181.

STATUS: Production

| | | |
|---|---|---|
| DRWN: | Ravindra Reddy MS | 2024-07-19 |
| CHK'D: | Ganesh Rao B | 2024-08-14 |
| APPR: | Gurunandan GA | 2024-08-14 |

molex

MX150 DUAL ROW
UNSHROUDED VERTICAL HEADER ASSEMBLY

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-75757-002 | PSD | 001 | G6 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A2-SIZE | 75757 | SEE TABLE | GENERAL MARKET | 2 OF 2 |

FORMAT: TC-dvprod-A2
REVISION: B
DATE: 2022/08/01