

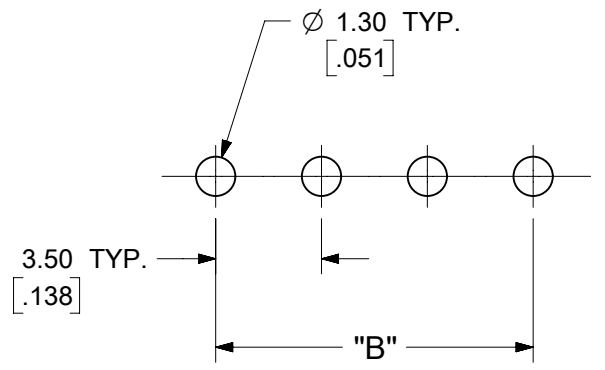
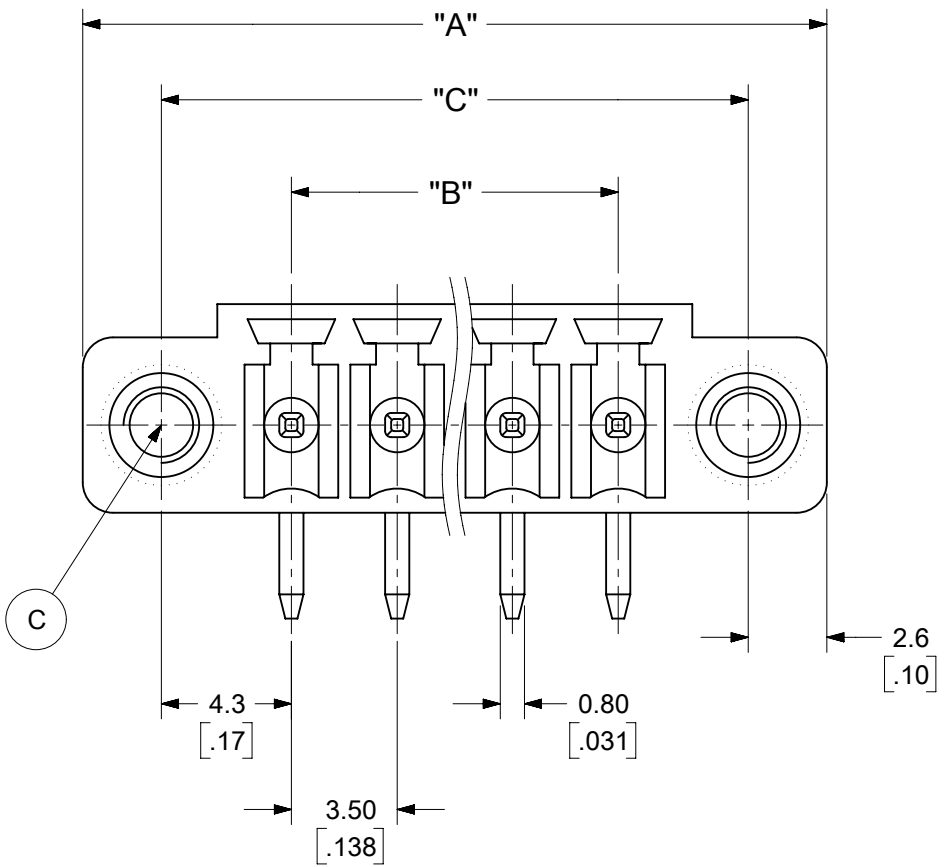
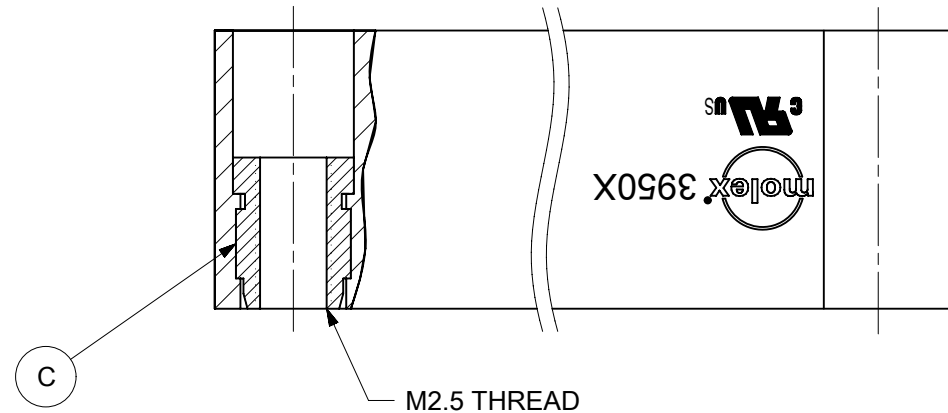
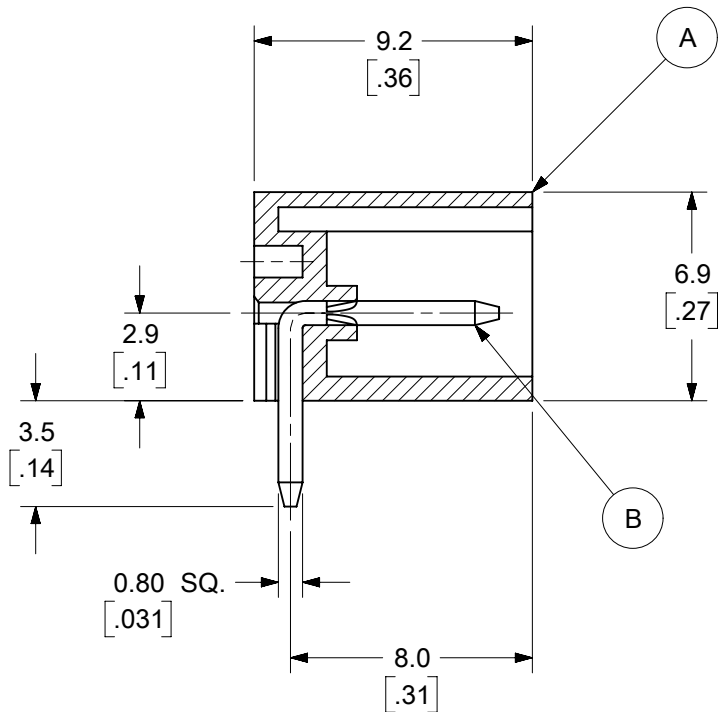
1. MATERIAL:

0.80 SQ

(A). BODY: PA66, UL 94V-0

(B). TERMINAL: BRASS - TIN PLATED .031

(C). THREADED INSERT: BRASS
2. ELECTRICAL RATING: 300V, 8A
3. MAX TORQUE: 1.59 in.lbs. (0.18NM)
4. MINIMUM INSERT RETENTION: 22 lbf (98N)
5. OPERATING TEMPERATURE: -40°C to +105°C
6. MAX. SOLDERING TEMP: 260°C (500°F) FOR 5 SECONDS
7. DIM A (OVERALL LENGTH)=  $(N \times P) + 10.3\text{mm}$
8. DIM B (CIRCUIT LENGTH)=  $(N - 1) \times P$
9. DIM C (MOUNTING HOLES)=  $(B + 8.6\text{mm})$
10. P (PITCH) = 3.50mm (.138")
11. N = NUMBER OF POSITIONS AVAILABLE 2 THROUGH 20
12. PRODUCT SPEC: PS-39500-001
13. SEE DRAWING SD-39501-002 FOR PTH INFO
14. DIMS. SHOWN ARE FOR REFERENCE ONLY.



| TOLERANCES |       |           |       |
|------------|-------|-----------|-------|
| MM         | TOL   | INCH      | TOL   |
| 0-6        | ±0.25 | 0-.24     | ±.010 |
| >6-30      | ±0.40 | .24-1.18  | ±.016 |
| >30-120    | ±0.50 | 1.18-4.76 | ±.020 |
| >120       | ±0.80 | >4.76     | ±.031 |

|                                                                                                                                                                                  |  |                                                                                                                                               |  |       |           |                                       |           |                                                         |  |                   |  |                                                                                                           |  |                                                                             |  |                                 |  |                                                  |  |                 |  |               |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|-----------|---------------------------------------|-----------|---------------------------------------------------------|--|-------------------|--|-----------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------|--|---------------------------------|--|--------------------------------------------------|--|-----------------|--|---------------|--|
| FUNCTIONAL SYMBOLS                                                                                                                                                               |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |       |           |                                       |           |                                                         |  |                   |  |                                                                                                           |  |                                                                             |  |                                 |  |                                                  |  |                 |  |               |  |
| <div><div><div><div></div></div><div><div></div></div></div><div><div><div></div></div><div><div></div></div></div><div><div><div></div></div><div><div></div></div></div></div> |  | DIMENSION UNITS                                                                                                                               |  | SCALE |           | CURRENT REV DESC: MODIFIED MOLEX LOGO |           |                                                         |  |                   |  | <div><div><div></div></div></div>                                                                         |  |                                                                             |  |                                 |  |                                                  |  |                 |  |               |  |
|                                                                                                                                                                                  |  | MM/INCH                                                                                                                                       |  | 4:1   |           |                                       |           |                                                         |  |                   |  |                                                                                                           |  |                                                                             |  |                                 |  |                                                  |  |                 |  |               |  |
| DIVISIONAL SYMBOLS                                                                                                                                                               |  | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |           |                                       |           |                                                         |  |                   |  | EC NO: 808103<br>DRWN: ABENJAMINLW 2024/04/03<br>CHK'D: DACHAMMER 2024/12/20<br>APPR: JFMURPHY 2025/01/06 |  |                                                                             |  |                                 |  | 3.5MM, EURO HEADER<br>RIGHT ANGLE, MOUNTING ENDS |  |                 |  |               |  |
|                                                                                                                                                                                  |  | MM                                                                                                                                            |  |       |           |                                       |           |                                                         |  |                   |  |                                                                                                           |  |                                                                             |  |                                 |  |                                                  |  |                 |  |               |  |
|                                                                                                                                                                                  |  | 4 PLACES                                                                                                                                      |  | ±     | ---       |                                       |           |                                                         |  |                   |  |                                                                                                           |  |                                                                             |  |                                 |  |                                                  |  |                 |  |               |  |
|                                                                                                                                                                                  |  | 3 PLACES                                                                                                                                      |  | ±     | ---       | ±                                     | SEE CHART |                                                         |  |                   |  |                                                                                                           |  |                                                                             |  |                                 |  |                                                  |  |                 |  |               |  |
|                                                                                                                                                                                  |  | 2 PLACES                                                                                                                                      |  | ±     | SEE CHART | ±                                     | SEE CHART | PRODUCT CUSTOMER DRAWING                                |  |                   |  |                                                                                                           |  |                                                                             |  |                                 |  |                                                  |  |                 |  |               |  |
|                                                                                                                                                                                  |  | 1 PLACE                                                                                                                                       |  | ±     | SEE CHART | ±                                     | ---       |                                                         |  |                   |  |                                                                                                           |  | INITIAL REVISION:<br>DRWN: LROTHAUS 2006/01/19<br>APPR: JPAWLICK 2006/01/10 |  | DOCUMENT NUMBER<br>SD-39506-001 |  | DOC TYPE<br>PSD                                  |  | DOC PART<br>001 |  | REVISION<br>C |  |
|                                                                                                                                                                                  |  | 0 PLACES                                                                                                                                      |  | ±     | ---       | ±                                     | ---       |                                                         |  |                   |  |                                                                                                           |  |                                                                             |  |                                 |  |                                                  |  |                 |  |               |  |
|                                                                                                                                                                                  |  | ANGULAR TOL                                                                                                                                   |  |       |           | ±                                     | ---       | THIRD ANGLE PROJECTION                                  |  | DRAWING<br>B-SIZE |  | SERIES<br>39506                                                                                           |  | MATERIAL NUMBER<br>SEE SHEET-2                                              |  | CUSTOMER<br>GENERAL MARKET      |  | SHEET NUMBER<br>1 OF 2                           |  |                 |  |               |  |
|                                                                                                                                                                                  |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |           |                                       |           | <div><div><div></div></div><div><div></div></div></div> |  |                   |  |                                                                                                           |  |                                                                             |  |                                 |  |                                                  |  |                 |  |               |  |

