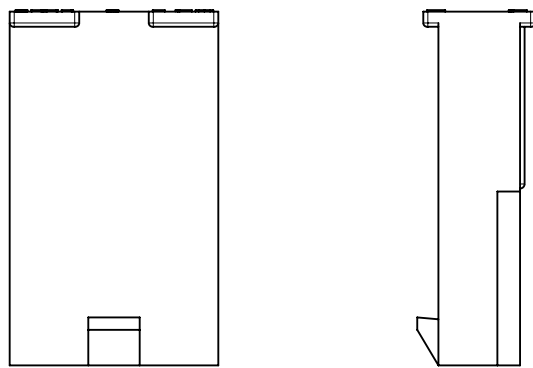
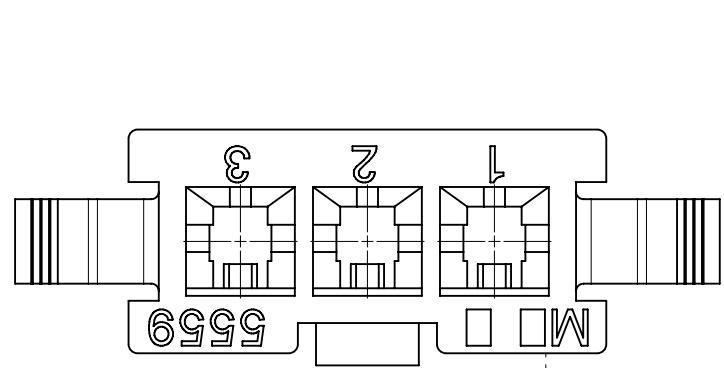
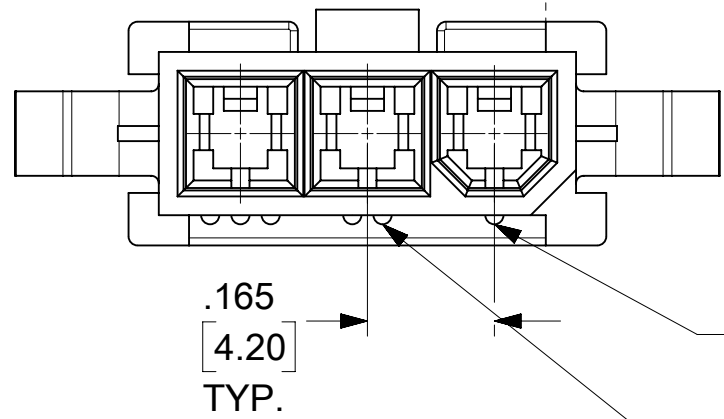
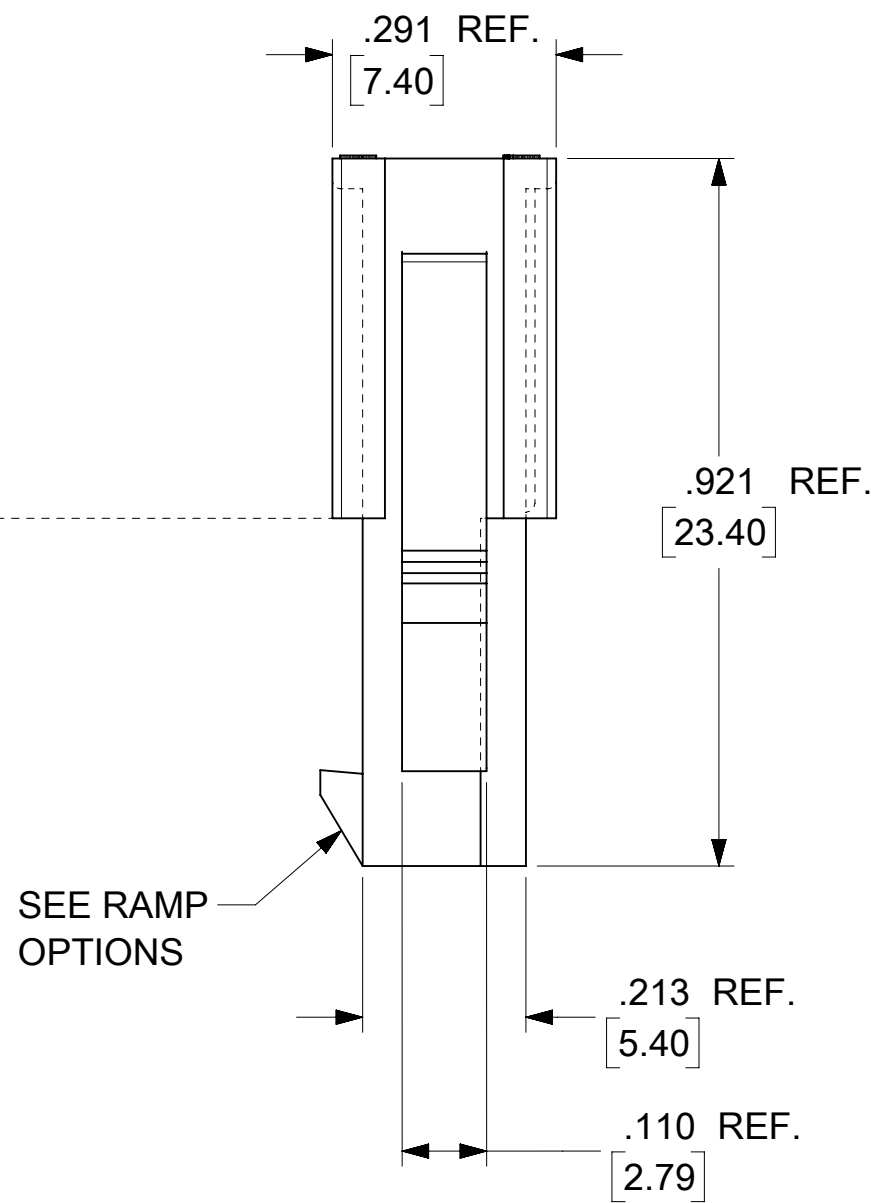
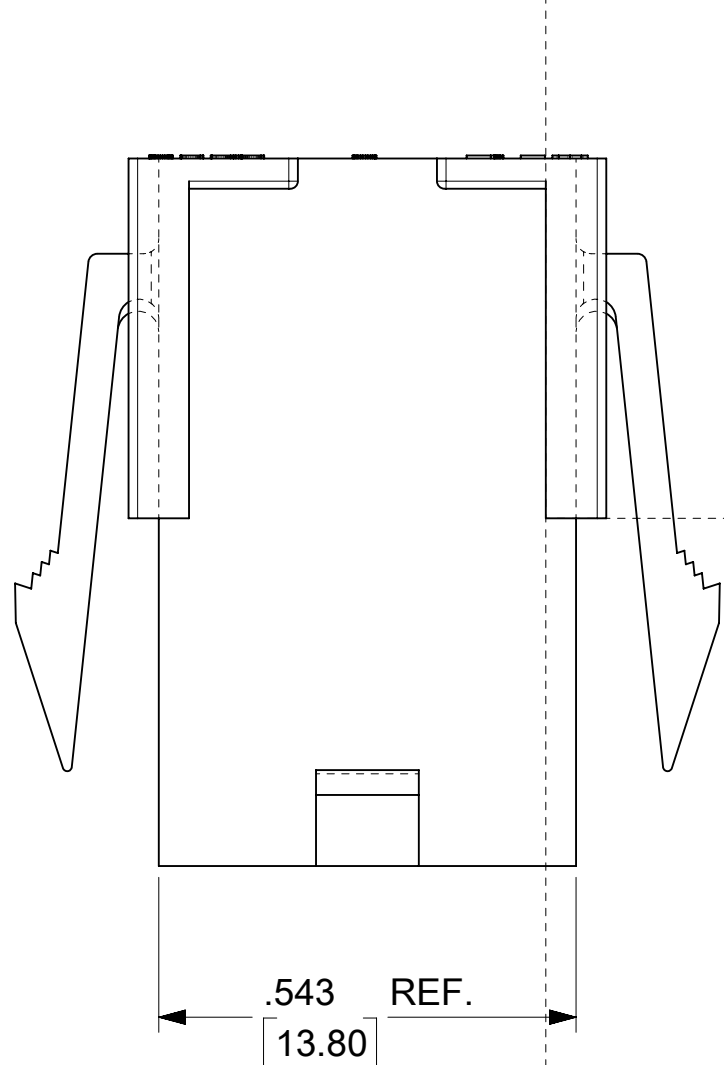


5559-03P3-\*\*\*  
WITHOUT MOUNTING EARS

POSITIVE RAMP    PASSIVE RAMP  
RAMP OPTIONS



RIB INDICATES  
CIRCUIT #1

RIBS INDICATE  
CIRCUIT #2

## LEGEND

5559 - 03 P \* - \*\*\*

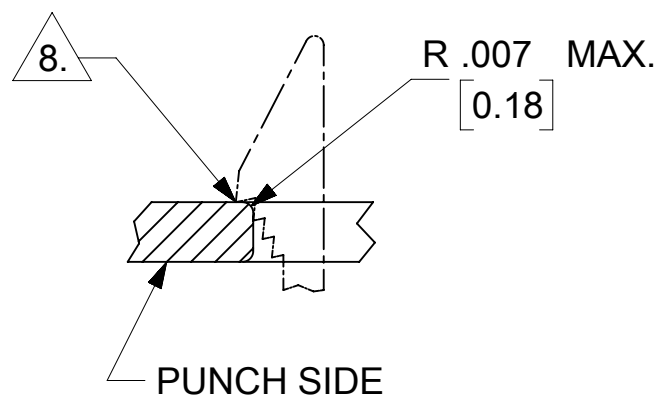
MAT'L. (SEE NOTE 1)

MOUNTING & RAMP OPTION (SEE NOTE 9)

PLUG

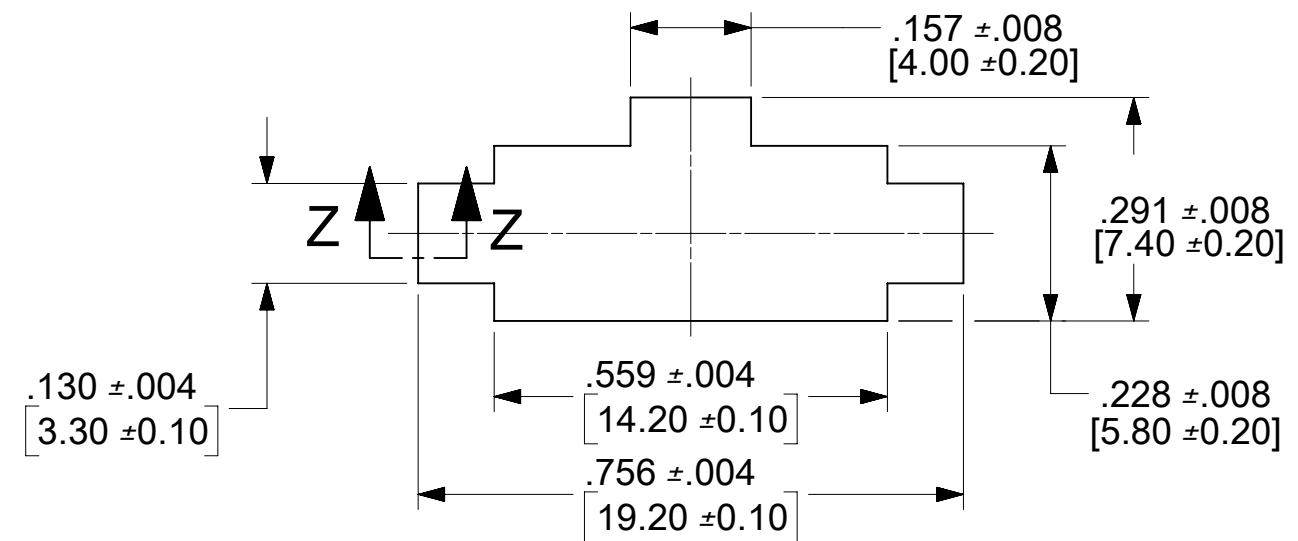
CIRCUIT SIZE

BASE NUMBER



SECTION Z-Z  
NO SCALE

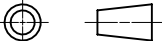
| PART NO.   | ENG. NO.      | CKT. NO. | MOUNT OPTION | MAT'L | RAMP OPTION |
|------------|---------------|----------|--------------|-------|-------------|
| 39-01-4032 | 5559-03P2     | 3        | 2            | BLANK | POSITIVE    |
| 39-01-4033 | 5559-03P2-210 | 3        | 2            | 210   | POSITIVE    |
| 46999-0291 | 5559-03P2-400 | 3        | 2            | 400   | POSITIVE    |
| 39-01-4036 | 5559-03P3     | 3        | 3            | BLANK | POSITIVE    |
| 39-01-4037 | 5559-03P3-210 | 3        | 3            | 210   | POSITIVE    |
| 46999-0290 | 5559-03P3-400 | 3        | 3            | 400   | POSITIVE    |
| 39-01-6030 | 5559-03P2-BL  | 3        | 2            | BL    | POSITIVE    |
| 39-01-6031 | 5559-03P3-BL  | 3        | 3            | BL    | POSITIVE    |
| 50-29-0088 | 5559-03P4     | 3        | 4            | BLANK | PASSIVE     |
| 50-29-0089 | 5559-03P5     | 3        | 5            | BLANK | PASSIVE     |
| 50-29-0091 | 5559-03P4-210 | 3        | 4            | 210   | PASSIVE     |
| 50-29-0093 | 5559-03P4-BL  | 3        | 4            | BL    | PASSIVE     |
| 50-29-0094 | 5559-03P5-BL  | 3        | 5            | BL    | PASSIVE     |



RECOMMENDED PANEL CUT-OUT  
(SEE NOTES 7 & 8)

### NOTES:

- MATERIAL;  
BLANK = NYLON 6/6, UL 94V-2, COLOR: NATURAL.  
210 = NYLON 6/6, UL 94V-0, COLOR: NATURAL.  
BL = NYLON 6/6, UL 94V-2, COLOR: BLACK.  
400 = NYLON 6/6, UL 94V-0, COLOR: BACK
- FINISH = NOT APPLICABLE
- PRODUCT SPECIFICATION: PS-5556-001
- PACKAGING SPECIFICATION: PK-5559-003
- THIS PART MATES WITH RECEPTACLE NO 5557,46994,200453.
- THIS PART IS FOR USE WITH MOLEX MALE TERMINAL NO. 5558-\*
- PANEL MOUNT VERSION IS FOR USE WITH .031/0.79/(0.80/2.00)THICK PANELS.
- PANEL SHOULD BE PUNCHED IN THE DIRECTION OF CONNECTOR INSERTION.
- MOUNTING & RAMP OPTION  
2 = WITH EARS, WITH POSITIVE RAMP  
3 = WITHOUT EARS, WITH POSITIVE RAMP  
4 = WITH EARS, WITH PASSIVE RAMP  
5 = WITHOUT EARS, WITH PASSIVE RAMP
- PART IS NOT DESIGNED FOR CURRENT SHARING.
- CONNECTORS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
- PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

|                                                                                                                                               |   |       |         |                                                                                       |  |         |        |                                                                                                                 |  |                |          |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---|-------|---------|---------------------------------------------------------------------------------------|--|---------|--------|-----------------------------------------------------------------------------------------------------------------|--|----------------|----------|--------------|
| 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:                                                                     |  |         |        | <div>molex</div>                                                                                                |  |                |          |              |
| IN/MM                                                                                                                                         |   | NTS   |         |                                                                                       |  |         |        |                                                                                                                 |  |                |          |              |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |   |       |         |                                                                                       |  |         |        |                                                                                                                 |  |                |          |              |
|                                                                                                                                               |   | MM    | INCH    |                                                                                       |  |         |        | EC NO: 806008<br>DRWN: JERRYW8<br>CHK'D: XQZHANG<br>APPR: XQZHANG<br><br>2024/11/25<br>2024/12/09<br>2024/12/09 |  |                |          |              |
| 4 PLACES                                                                                                                                      | ± |       | ±       |                                                                                       |  |         |        |                                                                                                                 |  |                |          |              |
| 3 PLACES                                                                                                                                      | ± |       | ± 0.01  |                                                                                       |  |         |        |                                                                                                                 |  |                |          |              |
| 2 PLACES                                                                                                                                      | ± | 0.25  | ± 0.015 |                                                                                       |  |         |        |                                                                                                                 |  |                |          |              |
| 1 PLACE                                                                                                                                       | ± | 0.38  | ±       |                                                                                       |  |         |        |                                                                                                                 |  |                |          |              |
| 0 PLACES                                                                                                                                      | ± |       | ±       | INITIAL REVISION:                                                                     |  |         |        | PRODUCT CUSTOMER DRAWING                                                                                        |  |                |          |              |
| ANGULAR TOL ± 0.5 °                                                                                                                           |   |       |         |                                                                                       |  |         |        |                                                                                                                 |  |                |          |              |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |   |       |         | THIRD ANGLE PROJECTION                                                                |  | DRAWING | SERIES | DOCUMENT NUMBER                                                                                                 |  | DOC TYPE       | DOC PART | REVISION     |
|                                                                                                                                               |   |       |         |  |  | C-SIZE  | 5559   | 55590300-SD                                                                                                     |  | PSD            | 000      | A2           |
|                                                                                                                                               |   |       |         |                                                                                       |  |         |        | MATERIAL NUMBER                                                                                                 |  | CUSTOMER       |          | SHEET NUMBER |
|                                                                                                                                               |   |       |         |                                                                                       |  |         |        | SEE TABLE                                                                                                       |  | GENERAL MARKET |          | 1 OF 1       |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/12/09 | 01:53:17 |
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THIS DRAWING REPLACES DRAWING SD-5559-03P\*