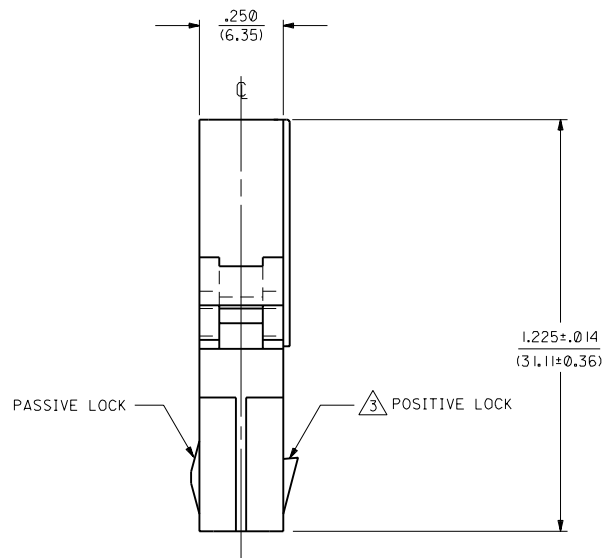
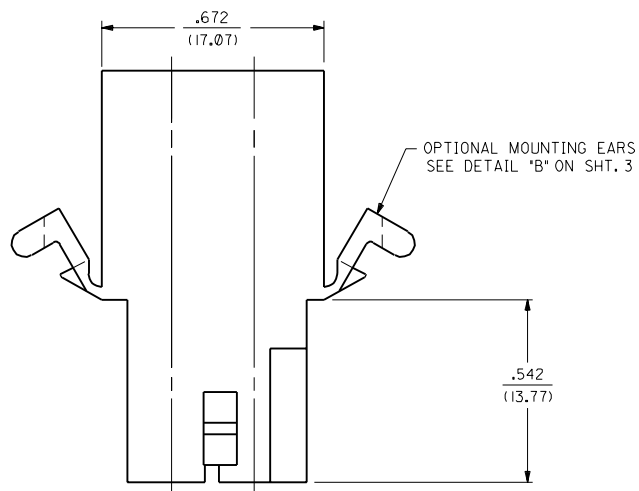
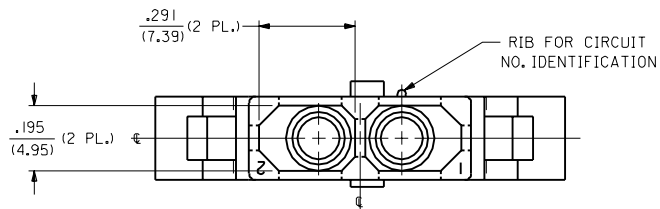


# RECEPTACLE HOUSING

| DIMENSIONS SHOWN (METRIC) INCH                            |           |          |           | REVISE ONLY ON CAD SYSTEM |  |  |  |
|-----------------------------------------------------------|-----------|----------|-----------|---------------------------|--|--|--|
| UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± .000 110 |           |          |           | TITLE                     |  |  |  |
|                                                           |           | INCH     | METRIC    |                           |  |  |  |
| 3 PLACE                                                   | ± .010    | ---      | ---       |                           |  |  |  |
| 2 PLACE                                                   | ± .014    | ± 0.25   | ---       |                           |  |  |  |
| 1 PLACE                                                   | ---       | ± 0.36   | ---       |                           |  |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS      |           |          |           |                           |  |  |  |
| DRWG. BY                                                  | CEP       | CHKD. BY | RW        |                           |  |  |  |
| APP'D. BY                                                 | RAS       | SCALE    | 4 : 1     |                           |  |  |  |
| LTR.                                                      | REVISIONS | LTR.     | REVISIONS |                           |  |  |  |

| REVISE ONLY ON CAD SYSTEM                                 |                                                                                                                        |           |          |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------|----------|
| TITLE                                                     |                                                                                                                        |           |          |
| .093/(2.36) HOUSING;<br>PLUG AND RECEPTACLE;<br>2 CIRCUIT |                                                                                                                        |           |          |
| PART NO.                                                  | MOLEX INCORPORATED                                                                                                     | SHEET NO. | DATE     |
| L15LEJLL                                                  | 60932                                                                                                                  | 2         | 12/18/87 |
| SEE CHART                                                 |                                                                                                                        |           |          |
| SD-42191-2                                                |                                                                                                                        |           |          |
| FILE NAME                                                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. | REV.      | SIZE     |
| 5421912X2                                                 |                                                                                                                        | CP        | C        |

13 12 11 10 9 8 7 6 42191 4 3 2 1

| PLUG       |             |          |
|------------|-------------|----------|
| PART NO.   | ENG. NO.    | OBSOLETE |
| 03-09-2160 | 42191-2P    | YES      |
| 03-09-2161 | 42191-2P1   |          |
| 03-09-4161 | 42191-2P1RD |          |
| 03-09-4162 | 42191-2P1BU |          |
| 03-09-4163 | 42191-2P1GN |          |

| RECEPTACLE |             |          |
|------------|-------------|----------|
| PART NO.   | ENG. NO.    | OBSOLETE |
| 03-09-1160 | 42191-2R    | YES      |
| 03-09-1161 | 42191-2R1   |          |
| 03-09-1162 | 42191-2R2   |          |
| 03-09-1163 | 42191-2R3   |          |
| 03-09-3161 | 42191-2R1RD |          |
| 03-09-3162 | 42191-2R1BU |          |
| 03-09-3163 | 42191-2R1GN |          |

**LEGEND: PLUG**

42191-2P\*\*\*

CIRCUIT SIZE

P = PLUG

BLANK = WITH PREBENT EARS  
1 = WITHOUT EARS

BLANK = NATURAL COLOR  
AM=AMBER BK=BLACK BU=BLUE  
BN=BROWN GY=GRAY GN=GREEN  
OR=ORANGE RD=RED YW=YELLOW

BLANK = MATERIAL CODE A

**LEGEND: RECEPTACLE**

42191-2R\*\*\*

CIRCUIT SIZE

R = RECEPTACLE

BLANK = WITH PREBENT EARS, POSITIVE LOCK  
1 = WITHOUT EARS, POSITIVE LOCK  
2 = WITH PREBENT EARS, PASSIVE LOCK  
3 = WITHOUT EARS, PASSIVE LOCK

BLANK = NATURAL COLOR  
AM=AMBER BK=BLACK BU=BLUE  
BN=BROWN GY=GRAY GN=GREEN  
OR=ORANGE RD=RED YW=YELLOW

BLANK = MATERIAL CODE A

RECOMMENDED PANEL MOUNTING HOLE

| HOUSING    | DIM. "A"    | DIM. "B"    | DIM. "C"   |
|------------|-------------|-------------|------------|
| PLUG       | .831/(21.1) | .385/(9.78) | .44/(11.2) |
| RECEPTACLE | .831/(21.1) | .335/(8.51) | .46/(11.7) |

**DETAIL "A"**  
PREBENT MOUNTING EAR  
SCALE 4:1

**NOTES:**

- MATERIAL CODES:  
A = NYLON TYPE 6/6, 94V-2
- PART ACCEPTS DOUBLE WIRE CRIMPS OF 18 AWG MAXIMUM. EACH CIRCUIT WILL ALLOW ONE OF THE WIRES TO HAVE AN INSULATION THICKNESS OF .062/(1.57), THE OTHER HAVING AN INSULATION THICKNESS OF .031/(0.79).
- LOCK RAMP STYLE IS OPTIONAL ON THIS SIDE OF PART. CHOICE OF EITHER A POSITIVE LOCK RAMP OR A PASSIVE LOCK RAMP IS AVAILABLE.

| DIMENSIONS SHOWN (METRIC) INCH |        | UNLESS OTHERWISE SPECIFIED TOLERANCES ANGULAR ± .04° |        |
|--------------------------------|--------|------------------------------------------------------|--------|
| INCH                           | METRIC | INCH                                                 | METRIC |
| 3 PLACE ± .010                 | ---    | 3 PLACE ± .010                                       | ---    |
| 2 PLACE ± .014                 | ± 0.25 | 2 PLACE ± .014                                       | ± 0.25 |
| 1 PLACE ---                    | ± 0.36 | 1 PLACE ---                                          | ± 0.36 |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

| REV. | DESCRIPTION | DATE |
|------|-------------|------|
| 1    | SEE SHEET 1 |      |
| 2    | SEE SHEET 1 |      |
| 3    | SEE SHEET 1 |      |
| 4    | SEE SHEET 1 |      |
| 5    | SEE SHEET 1 |      |
| 6    | SEE SHEET 1 |      |
| 7    | SEE SHEET 1 |      |
| 8    | SEE SHEET 1 |      |
| 9    | SEE SHEET 1 |      |
| 10   | SEE SHEET 1 |      |
| 11   | SEE SHEET 1 |      |
| 12   | SEE SHEET 1 |      |
| 13   | SEE SHEET 1 |      |

DRWG. BY: CEP CHK'D. BY: RW  
APPR. BY: RAS SCALE: --:--

MOLEX INCORPORATED  
LISLE, ILL. 60532 U.S.A.

PART NO. 42191-2P  
SEE CHART SD-42191-2\*

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

FILE NAME: S42191.DWG  
DIV. CP  
SIZE C

13 12 11 10 9 8 7 6 5 4 3 2 1