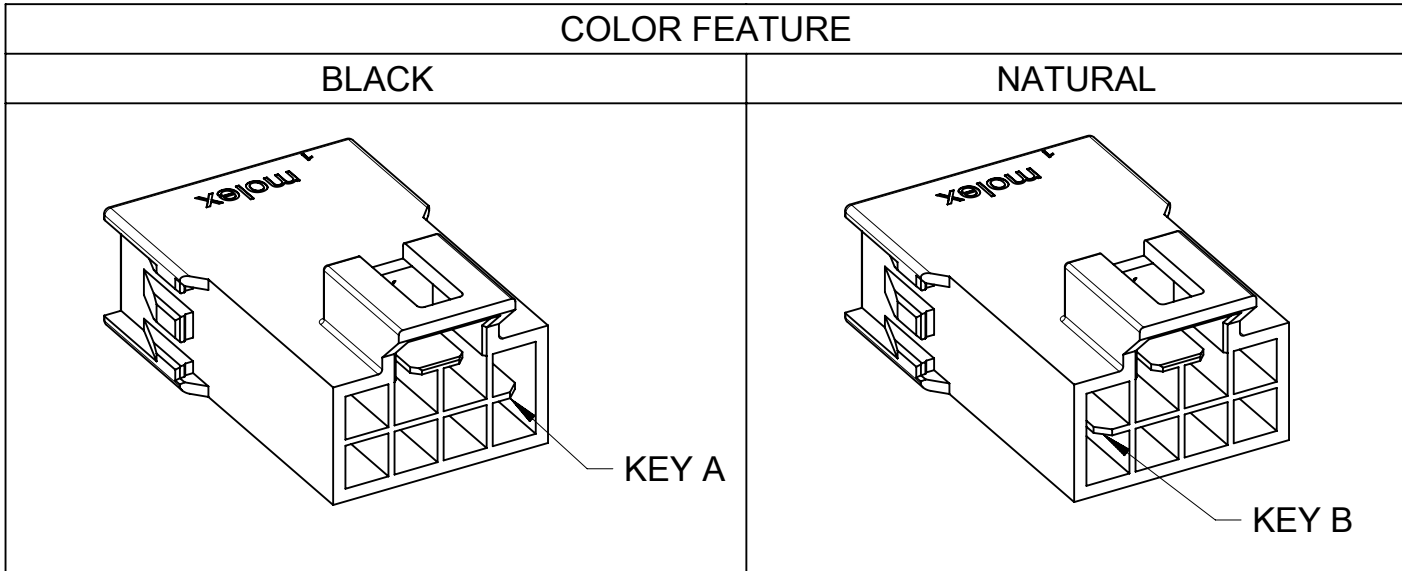
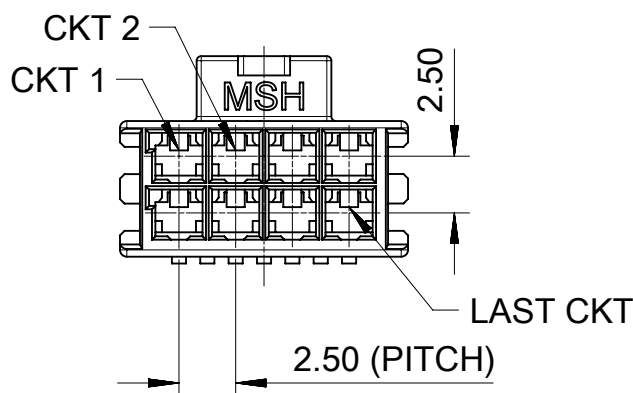
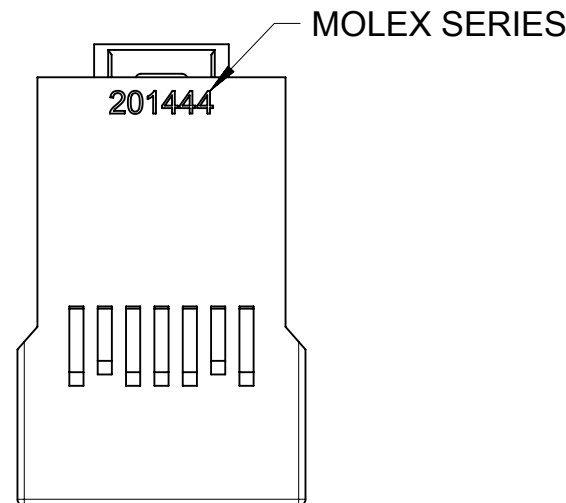
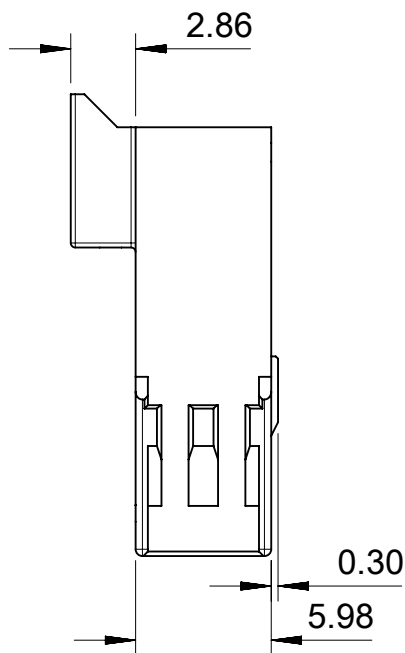
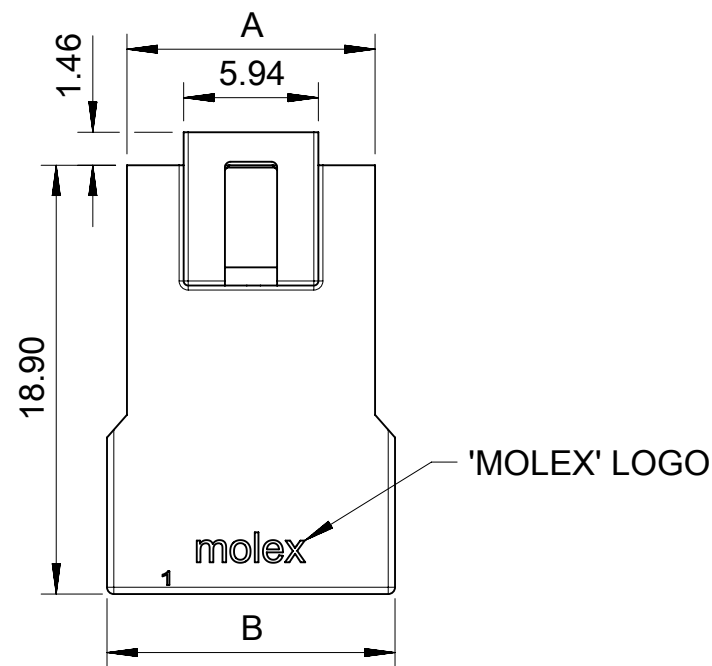
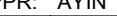


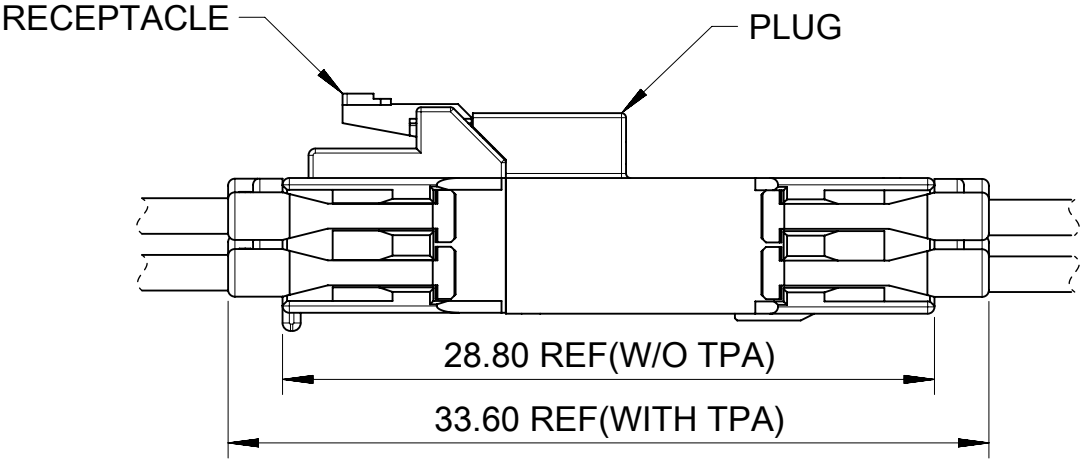
FREE HANGING PLUG PARTS



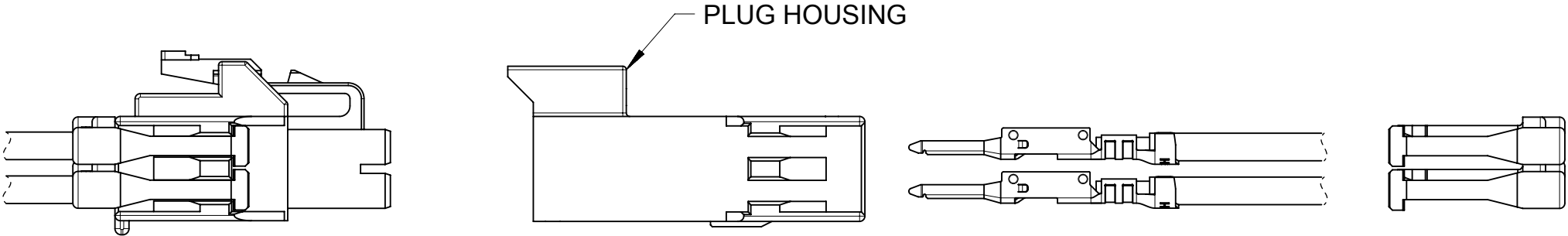
- NOTES:
- 1. MATERIAL:  
OPTION 1: PA66, 94V-0, BLACK  
OPTION 2: PA66, 94V-0, NATURAL.
  - 2. PRODUCT SPECIFICATION: 2014471000-PS.
  - 3. PACKAGE SPECIFICATION: 2014441000-PK.
  - 4. THE COMPONENT COMPLIANT TO RoHS DIRECTIVE 2011/65/EU AND ELV DIRECTIVE 2000/53/EC.
  - 5. TO MATE WITH TERMINAL OF 201447-\*\*\*\*.  
TO MATE WITH TPA OF 105325-\*\*\*\*.  
TO MATE WITH RECEPTACLE OF 105308-\*\*\*\*.
  - 6. PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
  - 7. APPLICATION SPECIFICATION: 201447-AS.

| SYMBOLS                                                                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |       |  |                                                                                                 |  |         |  |        |                                                    |                 |                 |                |               |              |  |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|-------------------------------------------------------------------------------------------------|--|---------|--|--------|----------------------------------------------------|-----------------|-----------------|----------------|---------------|--------------|--|
|  = 0 | DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC:                                                                               |  |         |  |        | <div>molex</div>                                   |                 |                 |                |               |              |  |
|                                                                                           | mm                                                                                                                                            |  | 3:1   |  |                                                                                                 |  |         |  |        |                                                    |                 |                 |                |               |              |  |
|  = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |  | EC NO: 625349<br>DRWN: GLLI 2019/10/09<br>CHK'D: YXZHENG 2019/10/10<br>APPR: YXZHENG 2019/10/10 |  |         |  |        | PLUG HOUSING OF NANO-FIT WTW DR<br>POWER CONNECTOR |                 |                 |                |               |              |  |
|  = 0 |                                                                                                                                               |  |       |  |                                                                                                 |  |         |  |        |                                                    |                 |                 |                |               |              |  |
|  = 0 | ANGULAR TOL ± °                                                                                                                               |  |       |  | PRODUCT CUSTOMER DRAWING                                                                        |  |         |  |        |                                                    |                 |                 |                |               |              |  |
|  = 0 | 4 PLACES ±                                                                                                                                    |  |       |  |                                                                                                 |  |         |  |        |                                                    |                 |                 |                |               |              |  |
|  = 0 | 3 PLACES ±                                                                                                                                    |  |       |  | DOCUMENT NUMBER<br>2014441000-SD                                                                |  |         |  |        | DOC TYPE<br>PSD                                    |                 | DOC PART<br>000 |                | REVISION<br>B |              |  |
|  = 0 | 2 PLACES ± 0.15                                                                                                                               |  |       |  |                                                                                                 |  |         |  |        |                                                    |                 |                 |                |               |              |  |
|  = 0 | 1 PLACE ±                                                                                                                                     |  |       |  | INITIAL REVISION:<br>DRWN: GLLI 2018/07/19<br>APPR: AYIN 2019/04/17                             |  |         |  |        | SHEET NUMBER<br>1 OF 6                             |                 |                 |                |               |              |  |
|  = 0 | 0 PLACES ±                                                                                                                                    |  |       |  |                                                                                                 |  |         |  |        |                                                    |                 |                 |                |               |              |  |
|  = 0 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |  | THIRD ANGLE PROJECTION                                                                          |  | DRAWING |  | SERIES |                                                    | MATERIAL NUMBER |                 | CUSTOMER       |               | SHEET NUMBER |  |
|  = 0 |                                                                                                                                               |  |       |  |            |  | A3-SIZE |  | 201444 |                                                    | SEE SHEET 2     |                 | GENERAL MARKET |               |              |  |
|                                                                                           |                                                                                                                                               |  |       |  |                                                                                                 |  |         |  |        |                                                    |                 |                 |                |               |              |  |

FREE HANGING PLUG PARTS



| PART No     | DIM'A' | DIM'B' | CKT SIZE | COLOR              |
|-------------|--------|--------|----------|--------------------|
| 201444-1104 | 5.94   | 7.70   | 4        | BLACK<br>(KEY A)   |
| 201444-1106 | 8.44   | 10.20  | 6        |                    |
| 201444-1108 | 10.94  | 12.70  | 8        |                    |
| 201444-1110 | 13.44  | 15.20  | 10       |                    |
| 201444-1112 | 15.94  | 17.70  | 12       |                    |
| 201444-1114 | 18.44  | 20.20  | 14       |                    |
| 201444-1116 | 20.94  | 22.70  | 16       | NATURAL<br>(KEY B) |
| 201444-2104 | 5.94   | 7.70   | 4        |                    |
| 201444-2106 | 8.44   | 10.20  | 6        |                    |
| 201444-2108 | 10.94  | 12.70  | 8        |                    |
| 201444-2110 | 13.44  | 15.20  | 10       |                    |
| 201444-2112 | 15.94  | 17.70  | 12       |                    |
| 201444-2114 | 18.44  | 20.20  | 14       |                    |
| 201444-2116 | 20.94  | 22.70  | 16       |                    |



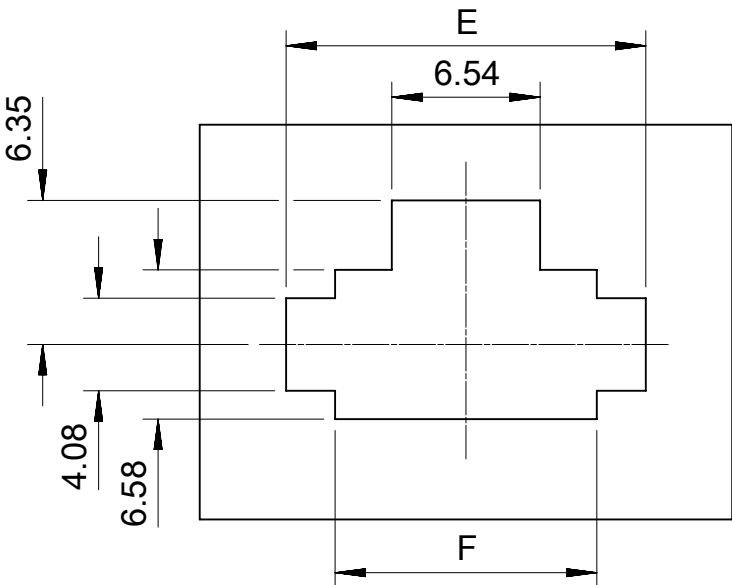
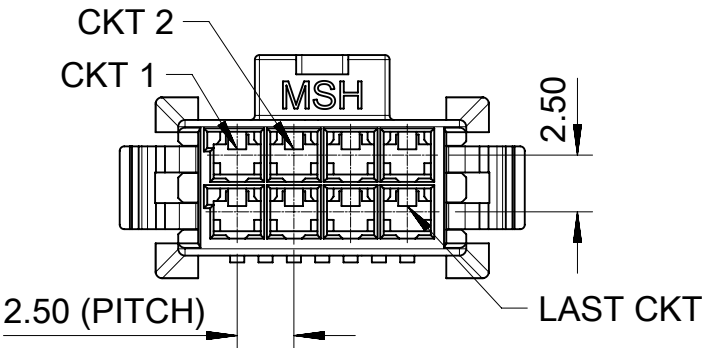
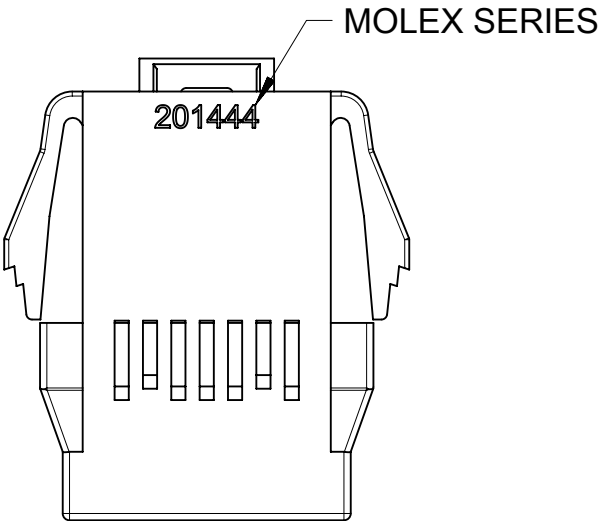
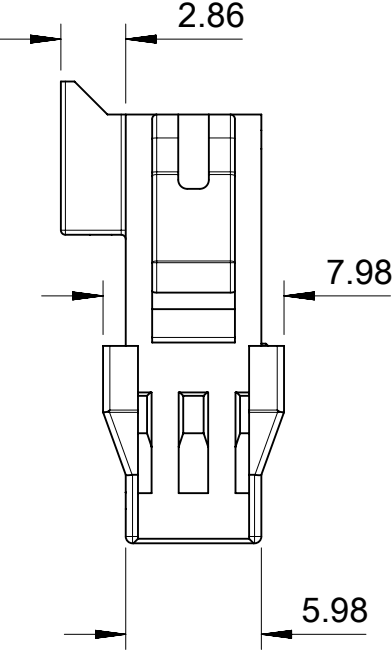
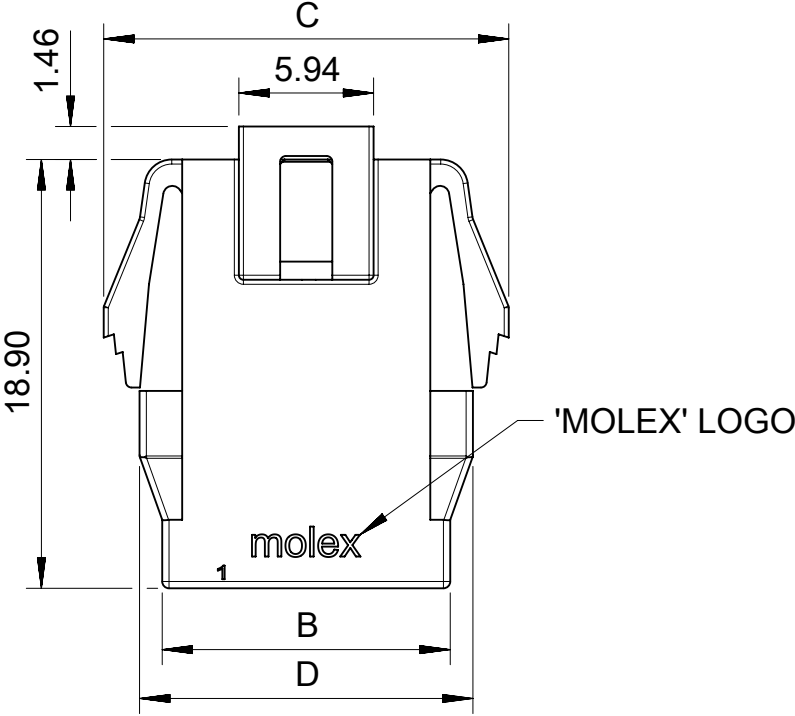
TERMINAL AND TPA ORIENTATION

| SYMBOLS                                                                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |       |  |                                                                                       |  |         |                                                    |        |          |                 |          |                |  |              |  |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|---------------------------------------------------------------------------------------|--|---------|----------------------------------------------------|--------|----------|-----------------|----------|----------------|--|--------------|--|
|  = 0 | DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC:                                                                     |  |         | <div>molex</div>                                   |        |          |                 |          |                |  |              |  |
|                                                                                           | mm                                                                                                                                            |  | 3:1   |  |                                                                                       |  |         |                                                    |        |          |                 |          |                |  |              |  |
|  = 0 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |       |  | EC NO: 625349                                                                         |  |         | PLUG HOUSING OF NANO-FIT WTW DR<br>POWER CONNECTOR |        |          |                 |          |                |  |              |  |
|  = 0 |                                                                                                                                               |  |       |  |                                                                                       |  |         |                                                    |        |          |                 |          |                |  |              |  |
|  = 0 | ANGULAR TOL ± °                                                                                                                               |  |       |  | DRWN: GLLI 2019/10/09<br>CHK'D: YXZHENG 2019/10/10<br>APPR: YXZHENG 2019/10/10        |  |         | PRODUCT CUSTOMER DRAWING                           |        |          |                 |          |                |  |              |  |
|  = 0 | 4 PLACES ±                                                                                                                                    |  |       |  |                                                                                       |  |         |                                                    |        |          |                 |          |                |  |              |  |
|  = 0 | 3 PLACES ±                                                                                                                                    |  |       |  | INITIAL REVISION:                                                                     |  |         | DOCUMENT NUMBER<br>2014441000-SD                   |        |          |                 |          |                |  |              |  |
|  = 0 | 2 PLACES ± 0.15                                                                                                                               |  |       |  |                                                                                       |  |         |                                                    |        |          |                 |          |                |  |              |  |
|  = 0 | 1 PLACE ±                                                                                                                                     |  |       |  | DRWN: GLLI 2018/07/19<br>APPR: AYIN 2019/04/17                                        |  |         | DOC TYPE                                           |        | DOC PART |                 | REVISION |                |  |              |  |
|  = 0 | 0 PLACES ±                                                                                                                                    |  |       |  |                                                                                       |  |         | PSD                                                |        | 000      |                 | B        |                |  |              |  |
|  = 0 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |  | THIRD ANGLE PROJECTION                                                                |  | DRAWING |                                                    | SERIES |          | MATERIAL NUMBER |          | CUSTOMER       |  | SHEET NUMBER |  |
|  = 0 |                                                                                                                                               |  |       |  |  |  | A3-SIZE |                                                    | 201444 |          | SEE CHART       |          | GENERAL MARKET |  | 2 OF 6       |  |

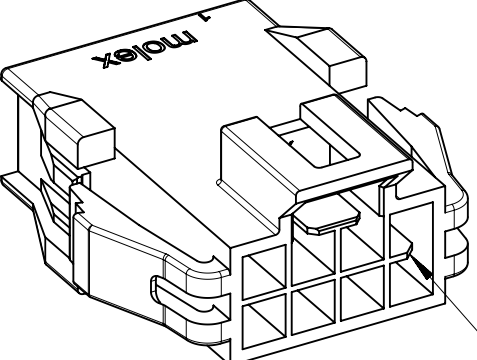
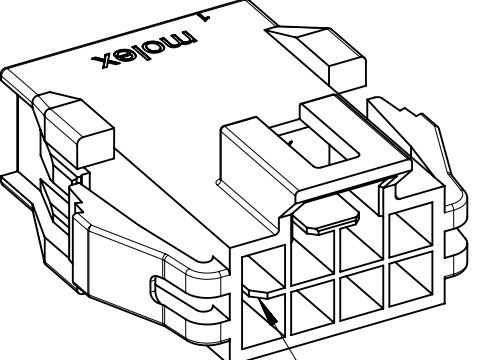
## A

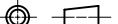
AAA

PANEL MOUNT PLUG PARTS

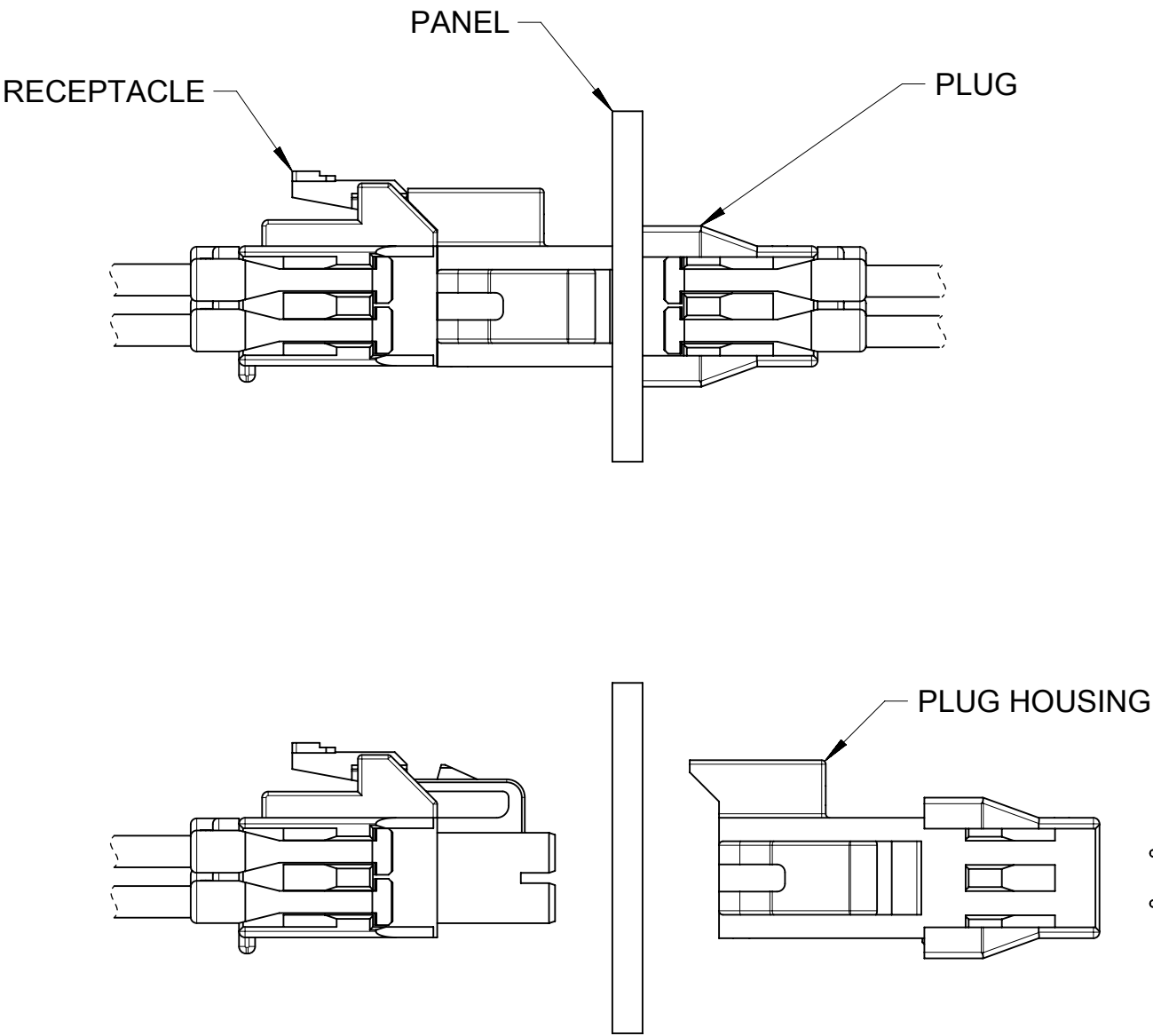


RECOMMENDED PANEL CUT OUT  
(THICKNESS=1.2~2.2MM)

| COLOR FEATURE                                                                                  |                                                                                                |
|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| BLACK                                                                                          | NATURAL                                                                                        |
| <br>KEY A | <br>KEY B |

| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                       |  |       |                                                                                       |                                                                                                 |         |  |        |                                                    |                 |  |                |  |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--|-------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------|--|--------|----------------------------------------------------|-----------------|--|----------------|--|--------------|--|
| SYMBOLS                                                                                                                                       | DIMENSION UNITS                       |  | SCALE |                                                                                       | CURRENT REV DESC:                                                                               |         |  |        | <div>molex</div>                                   |                 |  |                |  |              |  |
|                                                                                                                                               | mm                                    |  | 3:1   |                                                                                       |                                                                                                 |         |  |        |                                                    |                 |  |                |  |              |  |
|                                                                                                                                               | GENERAL TOLERANCES (UNLESS SPECIFIED) |  |       |                                                                                       | EC NO: 625349<br>DRWN: GLLI 2019/10/09<br>CHK'D: YXZHENG 2019/10/10<br>APPR: YXZHENG 2019/10/10 |         |  |        | PLUG HOUSING OF NANO-FIT WTW DR<br>POWER CONNECTOR |                 |  |                |  |              |  |
|                                                                                                                                               | ANGULAR TOL ± °                       |  |       |                                                                                       |                                                                                                 |         |  |        |                                                    |                 |  |                |  |              |  |
|                                                                                                                                               | 4 PLACES ±                            |  |       |                                                                                       |                                                                                                 |         |  |        |                                                    |                 |  |                |  |              |  |
|                                                                                                                                               | 3 PLACES ±                            |  |       |                                                                                       |                                                                                                 |         |  |        |                                                    |                 |  |                |  |              |  |
|                                                                                                                                               | 2 PLACES ± 0.15                       |  |       |                                                                                       |                                                                                                 |         |  |        |                                                    |                 |  |                |  |              |  |
|                                                                                                                                               | 1 PLACE ±                             |  |       |                                                                                       |                                                                                                 |         |  |        |                                                    |                 |  |                |  |              |  |
|                                                                                                                                               | 0 PLACES ±                            |  |       |                                                                                       |                                                                                                 |         |  |        |                                                    |                 |  |                |  |              |  |
|                                                                                                                                               | INITIAL REVISION:                     |  |       |                                                                                       | PRODUCT CUSTOMER DRAWING                                                                        |         |  |        |                                                    |                 |  |                |  |              |  |
| DRWN: GLLI 2018/07/19<br>APPR: AYIN 2019/04/17                                                                                                |                                       |  |       |                                                                                       |                                                                                                 |         |  |        |                                                    |                 |  |                |  |              |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |                                       |  |       | THIRD ANGLE PROJECTION                                                                |                                                                                                 | DRAWING |  | SERIES |                                                    | MATERIAL NUMBER |  | CUSTOMER       |  | SHEET NUMBER |  |
|                                                                                                                                               |                                       |  |       |  |                                                                                                 | A3-SIZE |  | 201444 |                                                    | SEE SHEET 5     |  | GENERAL MARKET |  | 4 OF 6       |  |

PANEL MOUNT PLUG PARTS



| PART No     | DIM'B' | DIM'C' | DIM'D' | DIM'E' | DIM'F' | CKT SIZE | COLOR              |
|-------------|--------|--------|--------|--------|--------|----------|--------------------|
| 201444-1204 | 7.70   | 12.86  | 9.70   | 10.86  | 6.54   | 4        | BLACK<br>(KEY A)   |
| 201444-1206 | 10.20  | 15.36  | 12.20  | 13.36  | 9.04   | 6        |                    |
| 201444-1208 | 12.70  | 17.86  | 14.70  | 15.86  | 11.54  | 8        |                    |
| 201444-1210 | 15.20  | 20.36  | 17.20  | 18.36  | 14.04  | 10       |                    |
| 201444-1212 | 17.70  | 22.86  | 19.70  | 20.86  | 16.54  | 12       |                    |
| 201444-1214 | 20.20  | 25.36  | 22.20  | 23.36  | 19.04  | 14       |                    |
| 201444-1216 | 22.70  | 27.86  | 24.70  | 25.86  | 21.54  | 16       | NATURAL<br>(KEY B) |
| 201444-2204 | 7.70   | 12.86  | 9.70   | 10.86  | 6.54   | 4        |                    |
| 201444-2206 | 10.20  | 15.36  | 12.20  | 13.36  | 9.04   | 6        |                    |
| 201444-2208 | 12.70  | 17.86  | 14.70  | 15.86  | 11.54  | 8        |                    |
| 201444-2210 | 15.20  | 20.36  | 17.20  | 18.36  | 14.04  | 10       |                    |
| 201444-2212 | 17.70  | 22.86  | 19.70  | 20.86  | 16.54  | 12       |                    |
| 201444-2214 | 20.20  | 25.36  | 22.20  | 23.36  | 19.04  | 14       |                    |
| 201444-2216 | 22.70  | 27.86  | 24.70  | 25.86  | 21.54  | 16       |                    |

TERMINAL AND TPA ORIENTATION

|                                                                                                 |                                                                                                                                               |                     |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>SYMBOLS</b><br>▽ = 0<br>▽ = 0<br>▽ = 0<br>▽ = 0<br>▼ = 0<br>▽ = 0<br>☒ = 0<br>■ = 0<br>▽ = 0 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                     |
|                                                                                                 | DIMENSION UNITS<br><b>mm</b>                                                                                                                  | SCALE<br><b>3:1</b> |
|                                                                                                 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                     |
|                                                                                                 | ANGULAR TOL ± °                                                                                                                               |                     |
|                                                                                                 | 4 PLACES ±                                                                                                                                    |                     |
| 3 PLACES ±                                                                                      |                                                                                                                                               |                     |
| 2 PLACES ± 0.15                                                                                 |                                                                                                                                               |                     |
| 1 PLACE ±                                                                                       |                                                                                                                                               |                     |
| 0 PLACES ±                                                                                      |                                                                                                                                               |                     |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                            |                                                                                                                                               |                     |
| THIRD ANGLE PROJECTION                                                                          |                                                                                                                                               |                     |
| DRAWING<br><b>A3-SIZE</b>                                                                       |                                                                                                                                               |                     |
| SERIES<br><b>201444</b>                                                                         |                                                                                                                                               |                     |
| MATERIAL NUMBER<br><b>SEE CHART</b>                                                             |                                                                                                                                               |                     |
| CUSTOMER<br><b>GENERAL MARKET</b>                                                               |                                                                                                                                               |                     |
| SHEET NUMBER<br><b>5 OF 6</b>                                                                   |                                                                                                                                               |                     |

|                   |  |            |  |
|-------------------|--|------------|--|
| CURRENT REV DESC: |  |            |  |
| EC NO: 625349     |  |            |  |
| DRWN: GLLI        |  | 2019/10/09 |  |
| CHK'D: YXZHENG    |  | 2019/10/10 |  |
| APPR: YXZHENG     |  | 2019/10/10 |  |
| INITIAL REVISION: |  |            |  |
| DRWN: GLLI        |  | 2018/07/19 |  |
| APPR: AYIN        |  | 2019/04/17 |  |

|                                                 |  |                        |                        |
|-------------------------------------------------|--|------------------------|------------------------|
| <b>molex</b>                                    |  |                        |                        |
| PLUG HOUSING OF NANO-FIT WTW DR POWER CONNECTOR |  |                        |                        |
| PRODUCT CUSTOMER DRAWING                        |  |                        |                        |
| DOCUMENT NUMBER<br><b>2014441000-SD</b>         |  | DOC TYPE<br><b>PSD</b> | DOC PART<br><b>000</b> |
| REVISION<br><b>B</b>                            |  |                        |                        |

|         |                                                                                      |                                                                                       |                                                                                       |                                                                                     |
|---------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|         | 4 CKT                                                                                | 6 CKT                                                                                 | 8 CKT                                                                                 | 10 CKT                                                                              |
| BLACK   |     |    |    |  |
| NATURAL |     |    |    |  |
|         | 12 CKT                                                                               | 14 CKT                                                                                | 16 CKT                                                                                |                                                                                     |
| BLACK   |   |   |   |                                                                                     |
| NATURAL |  |  |  |                                                                                     |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2019/10/10 | 07:05:48 |
|-----------------|----|--------------|------------|----------|

# Mouser Electronics

Authorized Distributor

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## Molex:

|                                    |                                    |                                    |                                    |                                    |                                    |                                    |                                    |
|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| <a href="#"><u>201444-1104</u></a> | <a href="#"><u>201444-1106</u></a> | <a href="#"><u>201444-1108</u></a> | <a href="#"><u>201444-1110</u></a> | <a href="#"><u>201444-1112</u></a> | <a href="#"><u>201444-1114</u></a> | <a href="#"><u>201444-2210</u></a> | <a href="#"><u>201444-2212</u></a> |
| <a href="#"><u>201444-2214</u></a> | <a href="#"><u>201444-2216</u></a> | <a href="#"><u>201444-2112</u></a> | <a href="#"><u>201444-2114</u></a> | <a href="#"><u>201444-2116</u></a> | <a href="#"><u>201444-2204</u></a> | <a href="#"><u>201444-2206</u></a> | <a href="#"><u>201444-2208</u></a> |
| <a href="#"><u>201444-1214</u></a> | <a href="#"><u>201444-1216</u></a> | <a href="#"><u>201444-2104</u></a> | <a href="#"><u>201444-2106</u></a> | <a href="#"><u>201444-2108</u></a> | <a href="#"><u>201444-2110</u></a> | <a href="#"><u>201444-1116</u></a> | <a href="#"><u>201444-1204</u></a> |
| <a href="#"><u>201444-1206</u></a> | <a href="#"><u>201444-1208</u></a> | <a href="#"><u>201444-1210</u></a> | <a href="#"><u>201444-1212</u></a> |                                    |                                    |                                    |                                    |