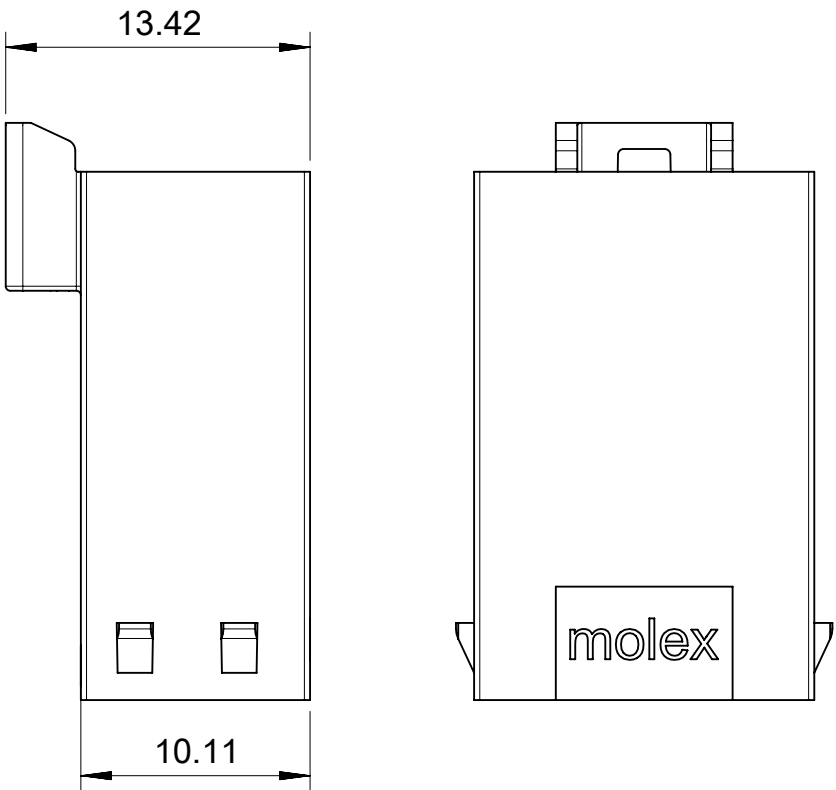
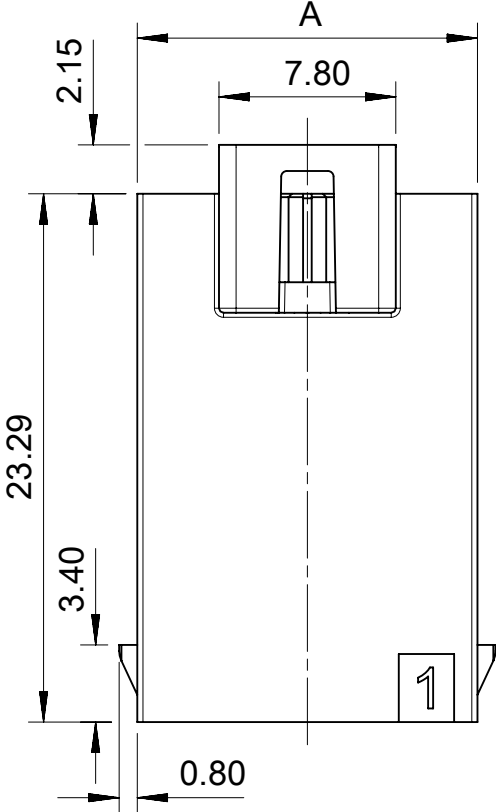
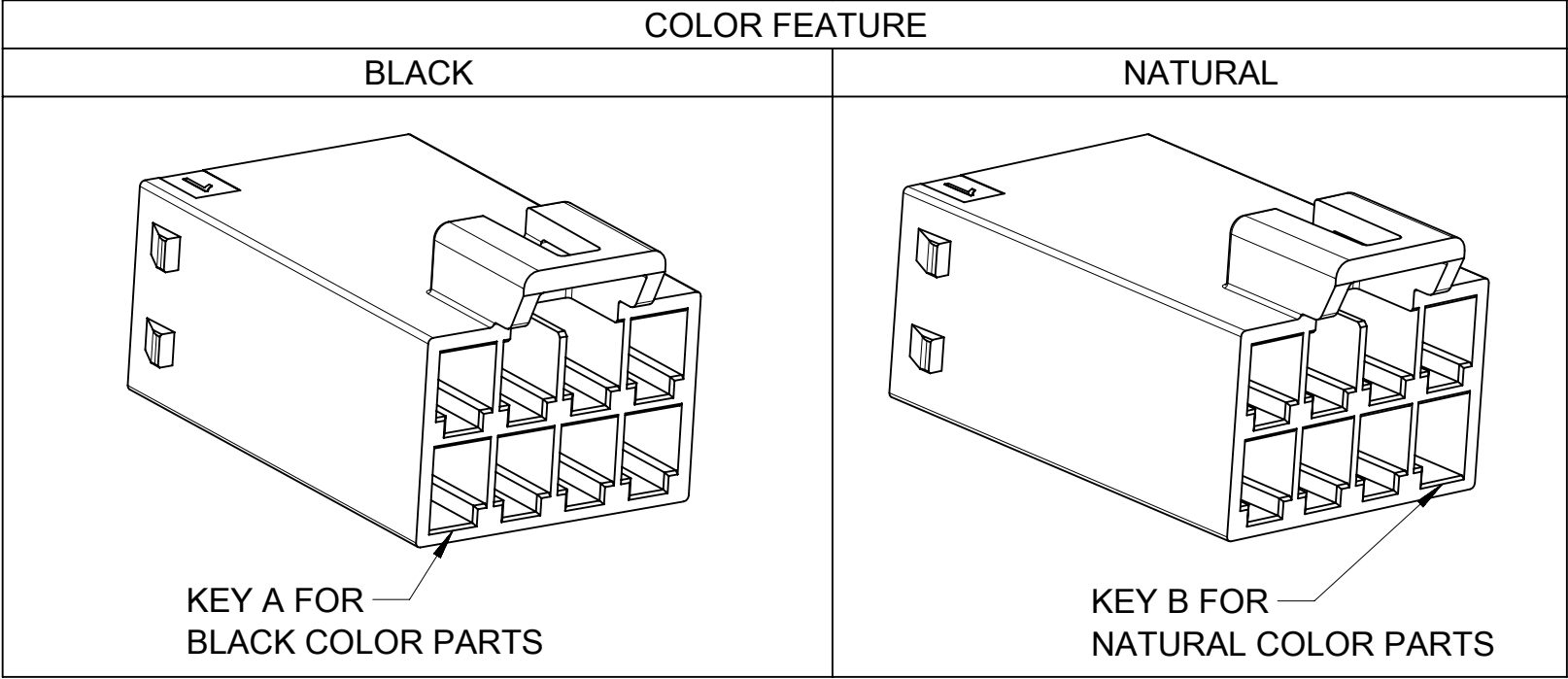
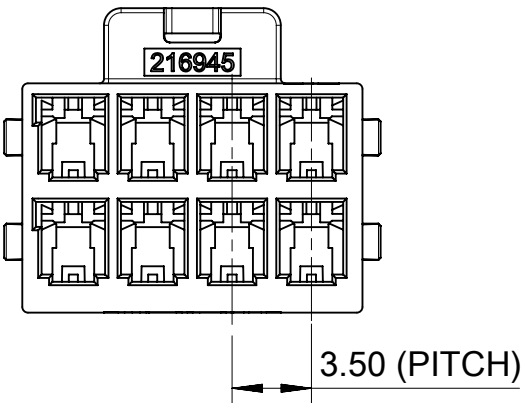


FREE HANGING PLUG PARTS



| PART NUMBER | CIRCUIT SIZE | DIM 'A' | COLOR   | TYPE            |
|-------------|--------------|---------|---------|-----------------|
| 216945-3004 | 4            | 8.0     | BLACK   | FREE<br>HANGING |
| 216945-3006 | 6            | 11.5    |         |                 |
| 216945-3008 | 8            | 15.0    |         |                 |
| 216945-3010 | 10           | 18.5    |         |                 |
| 216945-3012 | 12           | 22.0    |         |                 |
| 216945-3014 | 14           | 25.5    |         |                 |
| 216945-3016 | 16           | 29.0    |         |                 |
| 216945-4004 | 4            | 8.0     | NATURAL |                 |
| 216945-4006 | 6            | 11.5    |         |                 |
| 216945-4008 | 8            | 15.0    |         |                 |
| 216945-4010 | 10           | 18.5    |         |                 |
| 216945-4012 | 12           | 22.0    |         |                 |
| 216945-4014 | 14           | 25.5    |         |                 |
| 216945-4016 | 16           | 29.0    |         |                 |

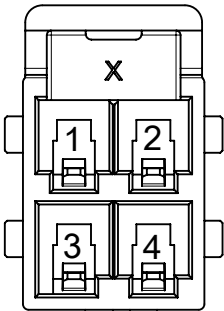


- NOTES:
1. MATERIAL:NYLON, 94V-0, BLACK AND NATURAL.
  2. PRODUCT SPECIFICATION: 2169461000-PS.
  3. PACKAGE SPECIFICATION: 2169451000-PK.
  4. TO USE WITH TERMINAL OF 216946-\*\*\*\*.
  5. TO USE WITH TPA OF 172264-\*\*\*\*.
  6. TO MATE WITH RECEPTACLE OF 172258-\*\*\*\*.
  7. PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

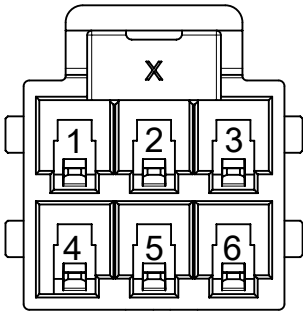
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |       |  |                                                  |  |  |  |                  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|--------------------------------------------------|--|--|--|------------------|--|
| DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC:                                |  |  |  | <div>molex</div> |  |
| mm                                                                                                                                            |  | NTS   |  |                                                  |  |  |  |                  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |  | PLUG HOUSING OF ULTRA-FIT WTW DR POWER CONNECTOR |  |  |  |                  |  |
| ANGULAR TOL    ±    °                                                                                                                         |  |       |  |                                                  |  |  |  |                  |  |
| 4 PLACES                                                                                                                                      |  | ±     |  | EC NO: 761697<br>DRWN: LEOW                      |  |  |  |                  |  |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/09/06 | 17:35:05 |
|-----------------|----|--------------|------------|----------|
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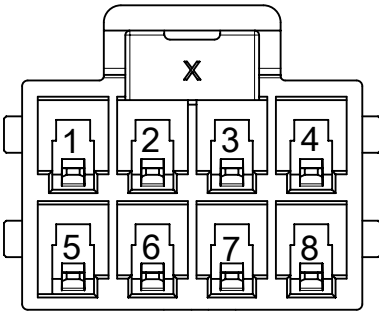
FREE HANGING PLUG PARTS



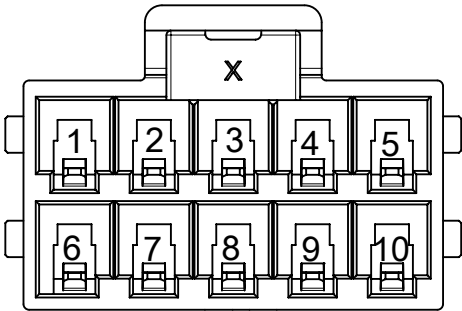
4CKT



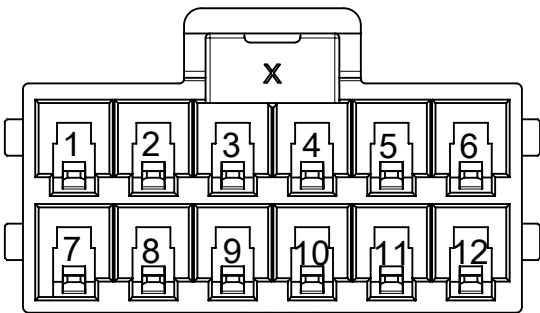
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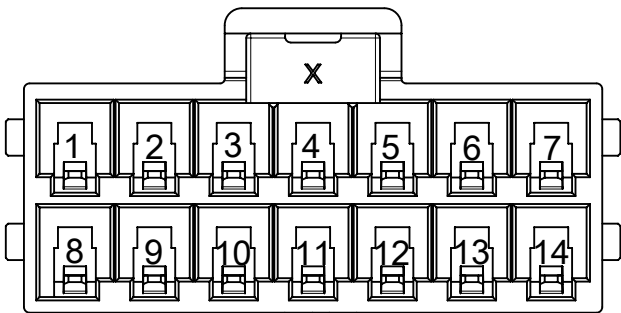
8CKT



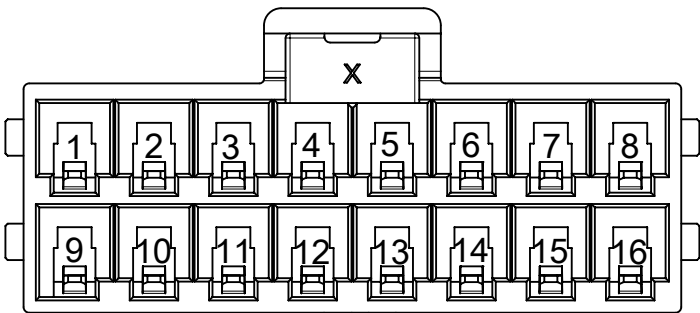
10CKT



12CKT



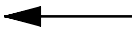
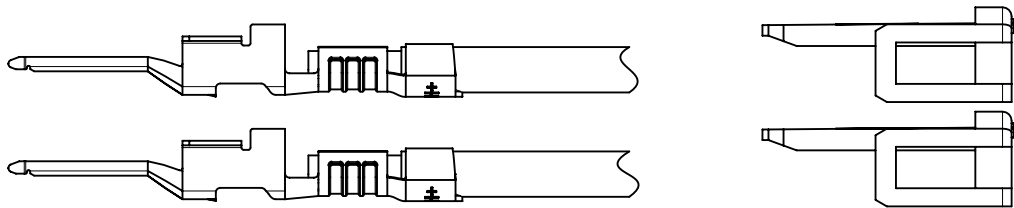
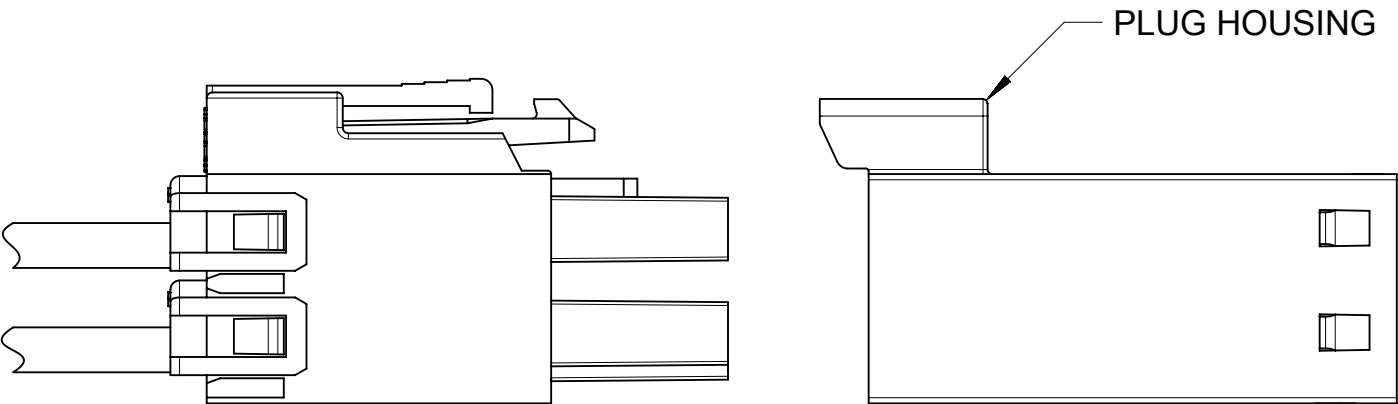
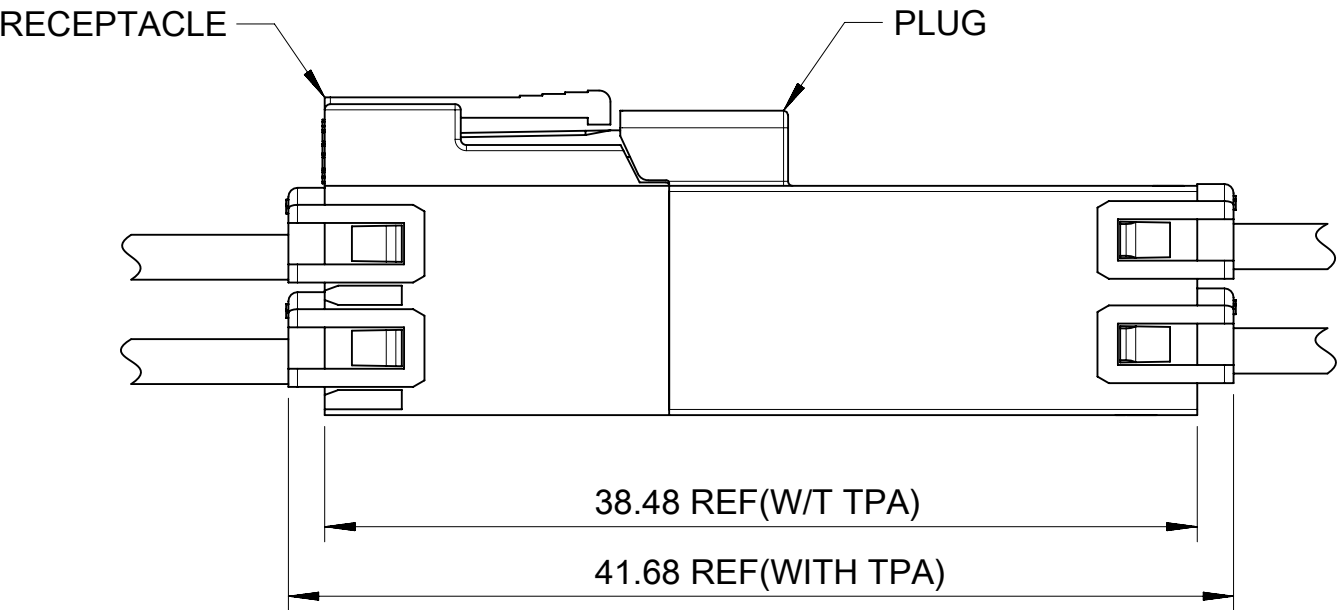
14CKT



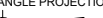
16CKT

|                                                                                                                                               |  |       |  |                             |  |  |  |                                                     |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|-----------------------------|--|--|--|-----------------------------------------------------|--|--|--|
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| DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC:           |  |  |  | <b>molex</b>                                        |  |  |  |
| mm                                                                                                                                            |  | NTS   |  |                             |  |  |  |                                                     |  |  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |  |                             |  |  |  | PLUG HOUSING OF ULTRA-FIT WTW DR<br>POWER CONNECTOR |  |  |  |
| ANGULAR TOL    ±       °                                                                                                                      |  |       |  |                             |  |  |  |                                                     |  |  |  |
| 4 PLACES                                                                                                                                      |  | ±     |  | EC NO: 761697<br>DRWN: LEOW |  |  |  |                                                     |  |  |  |

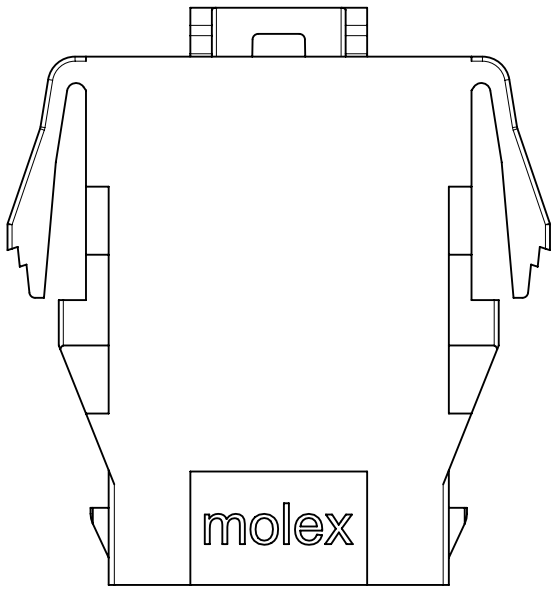
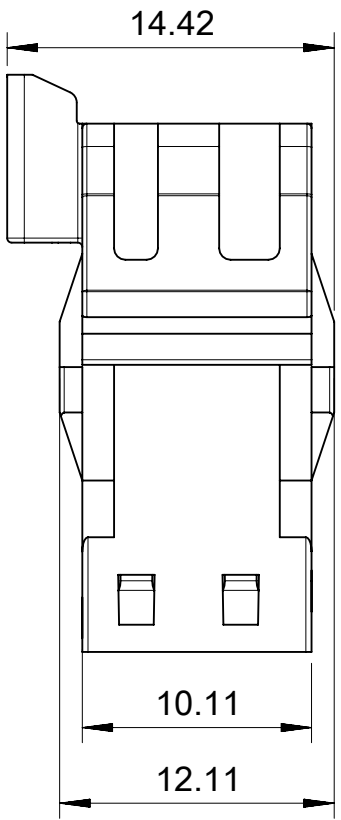
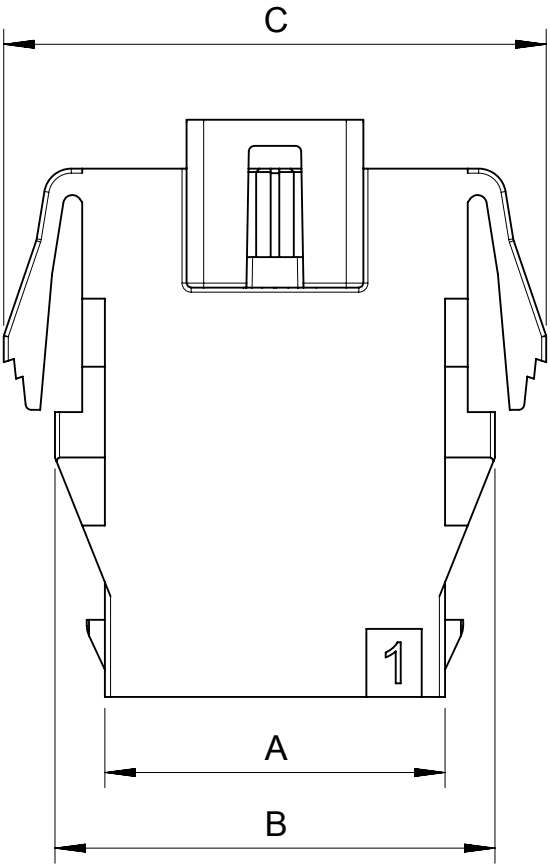
FREE HANGING PLUG PARTS



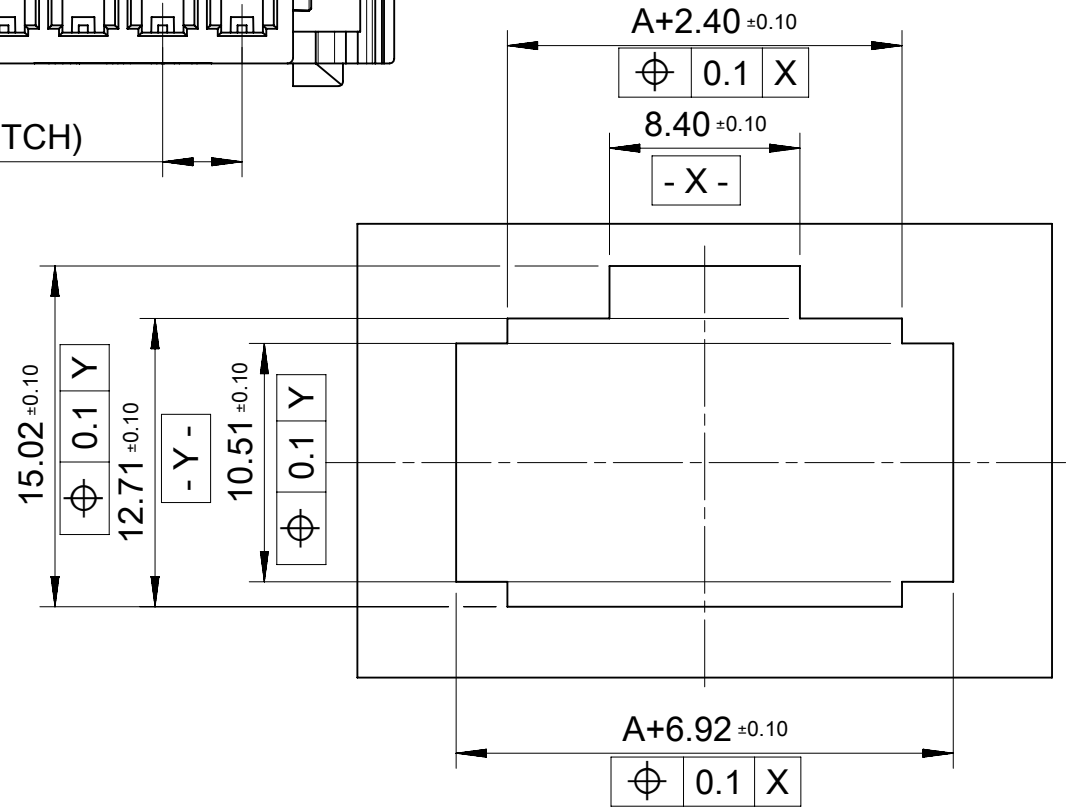
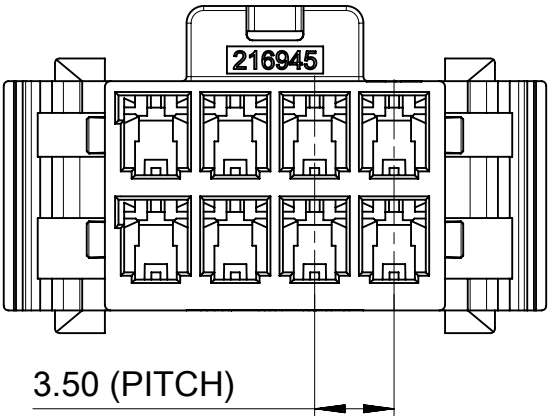
PLUG TERMINAL AND TPA ORIENTATION

|                                                                                                                                               |  |       |  |                                                                                       |   |                                                                                              |  |        |                                                  |                 |                          |                |          |              |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|---------------------------------------------------------------------------------------|---|----------------------------------------------------------------------------------------------|--|--------|--------------------------------------------------|-----------------|--------------------------|----------------|----------|--------------|----------|
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| DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC:                                                                     |   |                                                                                              |  |        | <div>molex</div>                                 |                 |                          |                |          |              |          |
| mm                                                                                                                                            |  | NTS   |  |                                                                                       |   |                                                                                              |  |        |                                                  |                 |                          |                |          |              |          |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |  |                                                                                       |   |                                                                                              |  |        | PLUG HOUSING OF ULTRA-FIT WTW DR POWER CONNECTOR |                 |                          |                |          |              |          |
| ANGULAR TOL                                                                                                                                   |  |       |  | ±                                                                                     | ° | EC NO: 761697<br>DRWN: LEOW2022/12/21<br>CHK'D: XQZHANG2023/09/06<br>APPR: XQZHANG2023/09/06 |  |        |                                                  |                 | PRODUCT CUSTOMER DRAWING |                |          |              |          |
| 4 PLACES                                                                                                                                      |  | ±     |  |                                                                                       |   |                                                                                              |  |        |                                                  |                 |                          |                |          |              |          |
| 3 PLACES                                                                                                                                      |  | ±     |  |                                                                                       |   |                                                                                              |  |        |                                                  |                 |                          |                |          |              |          |
| 2 PLACES                                                                                                                                      |  | ±     |  | 0.2                                                                                   |   |                                                                                              |  |        |                                                  |                 |                          |                |          |              |          |
| 1 PLACE                                                                                                                                       |  | ±     |  | 0.4                                                                                   |   | INITIAL REVISION:<br>DRWN: GLLI2021/07/06<br>APPR: EDUGGER2022/11/01                         |  |        |                                                  |                 | DOCUMENT NUMBER          |                | DOC TYPE | DOC PART     | REVISION |
| 0 PLACES                                                                                                                                      |  | ±     |  |                                                                                       |   |                                                                                              |  |        |                                                  |                 | 2169451000-SD            |                | PSD      | 000          | A1       |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |  |       |  | THIRD ANGLE PROJECTION                                                                |   | DRAWING                                                                                      |  | SERIES |                                                  | MATERIAL NUMBER |                          | CUSTOMER       |          | SHEET NUMBER |          |
|                                                                                                                                               |  |       |  |  |   | A3-SIZE                                                                                      |  | 216945 |                                                  | SEE TABLE       |                          | GENERAL MARKET |          | 3 OF 6       |          |

PANEL MOUNT PLUG PARTS



| PART NUMBER | CIRCUIT SIZE | DIM 'A' | DIM 'B' | DIM 'C' | COLOR   | TYPE        |
|-------------|--------------|---------|---------|---------|---------|-------------|
| 216945-3104 | 4            | 8.0     | 12.4    | 16.92   | BLACK   | PANEL MOUNT |
| 216945-3106 | 6            | 11.5    | 15.9    | 20.42   |         |             |
| 216945-3108 | 8            | 15.0    | 19.4    | 23.92   |         |             |
| 216945-3110 | 10           | 18.5    | 22.9    | 27.42   |         |             |
| 216945-3112 | 12           | 22.0    | 26.4    | 30.92   |         |             |
| 216945-3114 | 14           | 25.5    | 29.9    | 34.42   |         |             |
| 216945-3116 | 16           | 29.0    | 33.4    | 37.92   |         |             |
| 216945-4104 | 4            | 8.0     | 12.4    | 16.92   | NATURAL |             |
| 216945-4106 | 6            | 11.5    | 15.9    | 20.42   |         |             |
| 216945-4108 | 8            | 15.0    | 19.4    | 23.92   |         |             |
| 216945-4110 | 10           | 18.5    | 22.9    | 27.42   |         |             |
| 216945-4112 | 12           | 22.0    | 26.4    | 30.92   |         |             |
| 216945-4114 | 14           | 25.5    | 29.9    | 34.42   |         |             |
| 216945-4116 | 16           | 29.0    | 33.4    | 37.92   |         |             |



RECOMMENDED PANEL CUT OUT  
(TOLERRANCE +/-0.05 THICKNESS=1.2~2.0MM)

COLOR FEATURE

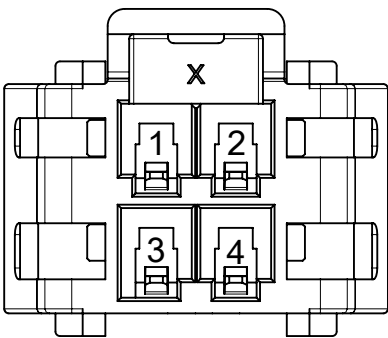
BLACK

KEY A FOR  
BLACK COLOR PARTS

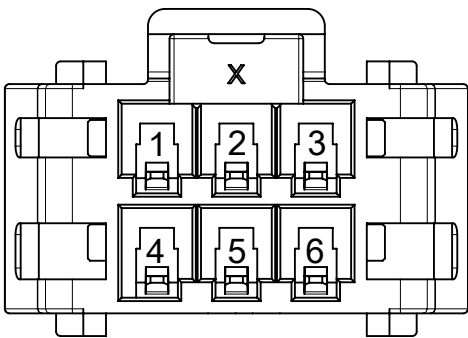
NATURAL

KEY B FOR  
NATURAL COLOR PARTS

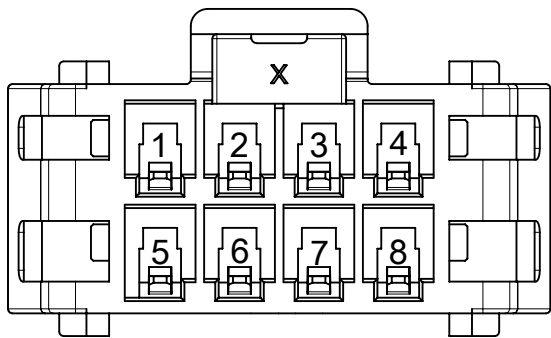
PANEL MOUNT PLUG PARTS



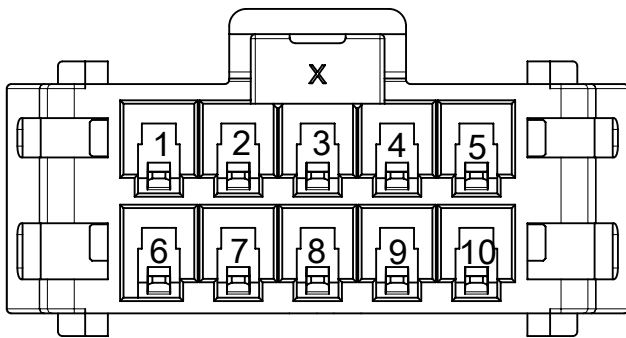
4 CKT



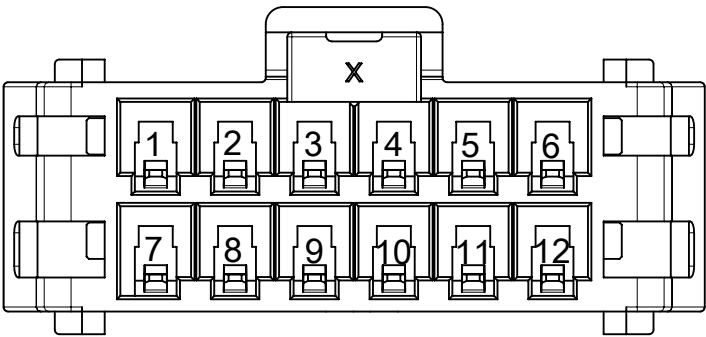
6 CKT



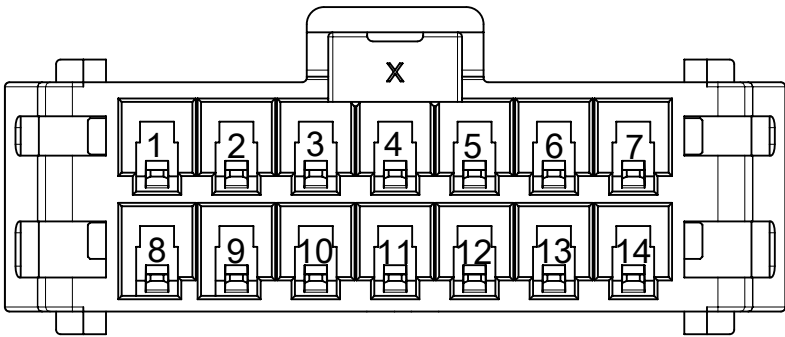
8 CKT



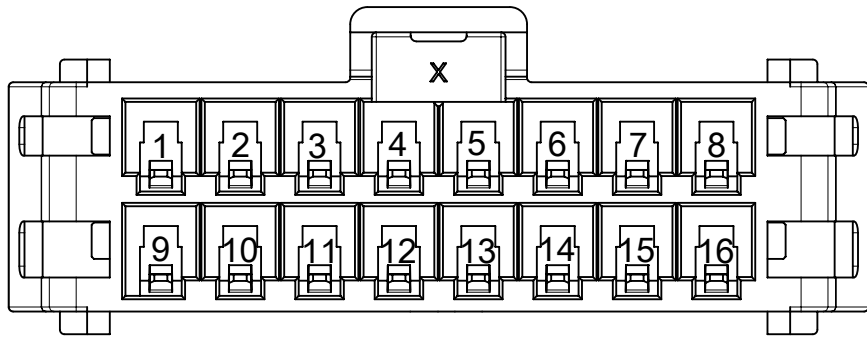
10 CKT



12 CKT



14 CKT



16 CKT

|                                                                                                                                               |  |       |  |                                                     |  |  |                          |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|-----------------------------------------------------|--|--|--------------------------|--|--|
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| DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC:                                   |  |  | <div>molex</div>         |  |  |
| mm                                                                                                                                            |  | NTS   |  |                                                     |  |  |                          |  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |  | PLUG HOUSING OF ULTRA-FIT WTW DR<br>POWER CONNECTOR |  |  |                          |  |  |
| ANGULAR TOL    ±       °                                                                                                                      |  |       |  |                                                     |  |  |                          |  |  |
| 4 PLACES                                                                                                                                      |  | ±     |  | EC NO: 761697                                       |  |  | PRODUCT CUSTOMER DRAWING |  |  |
| 3 PLACES                                                                                                                                      |  | ±     |  | DRWN: LEOW                                          |  |  |                          |  |  |

PANEL MOUNT PLUG PARTS

