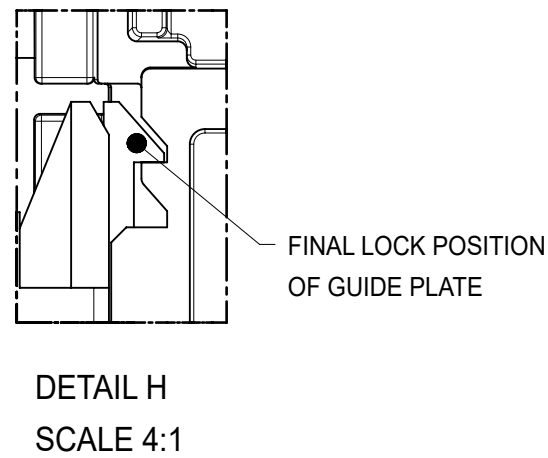
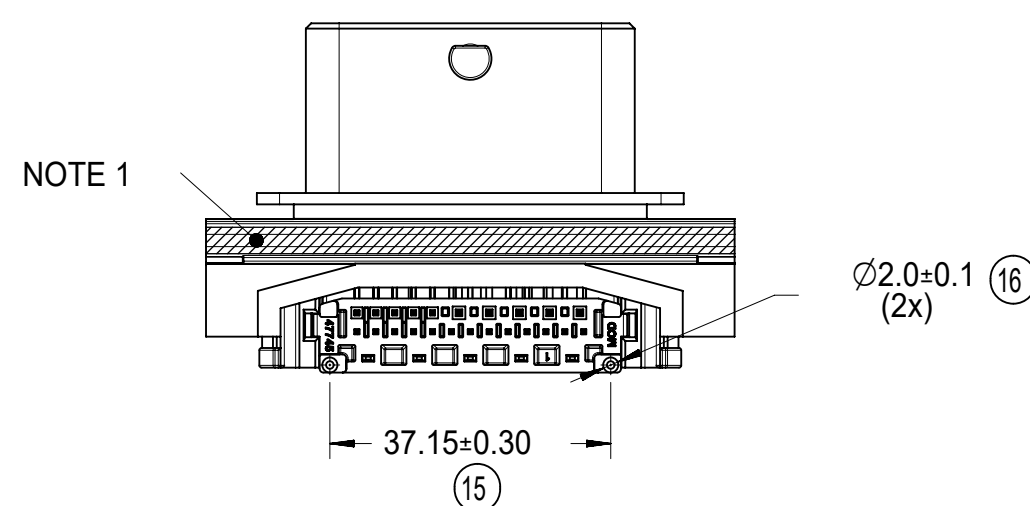
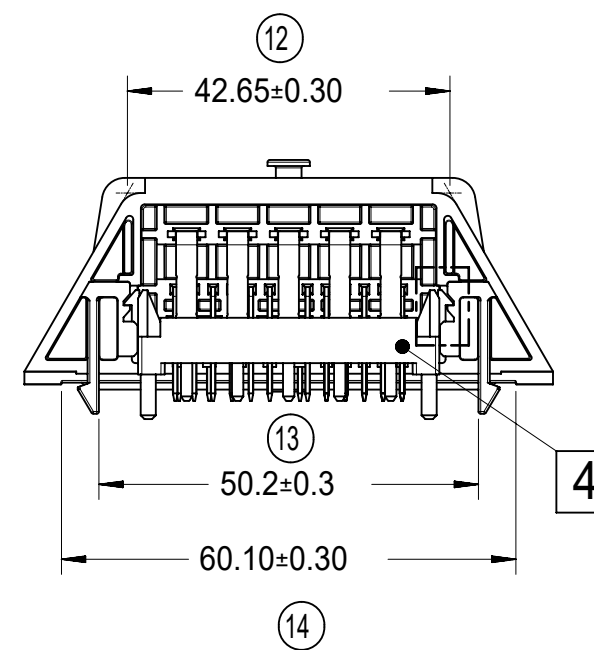
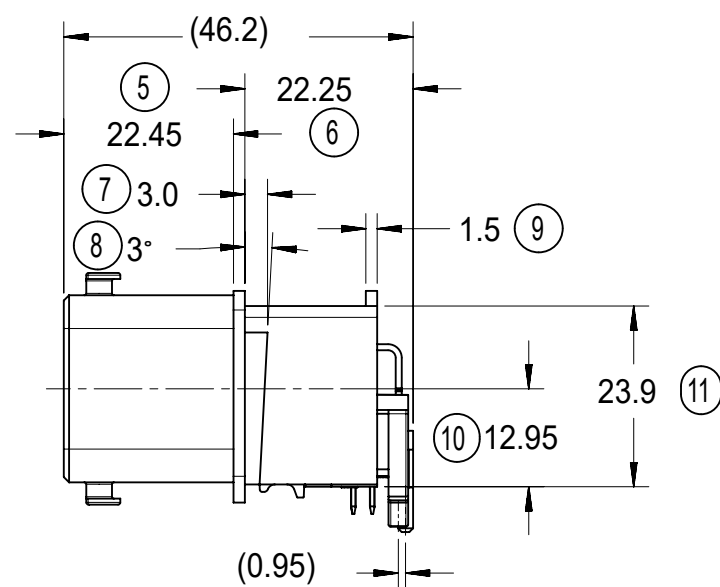
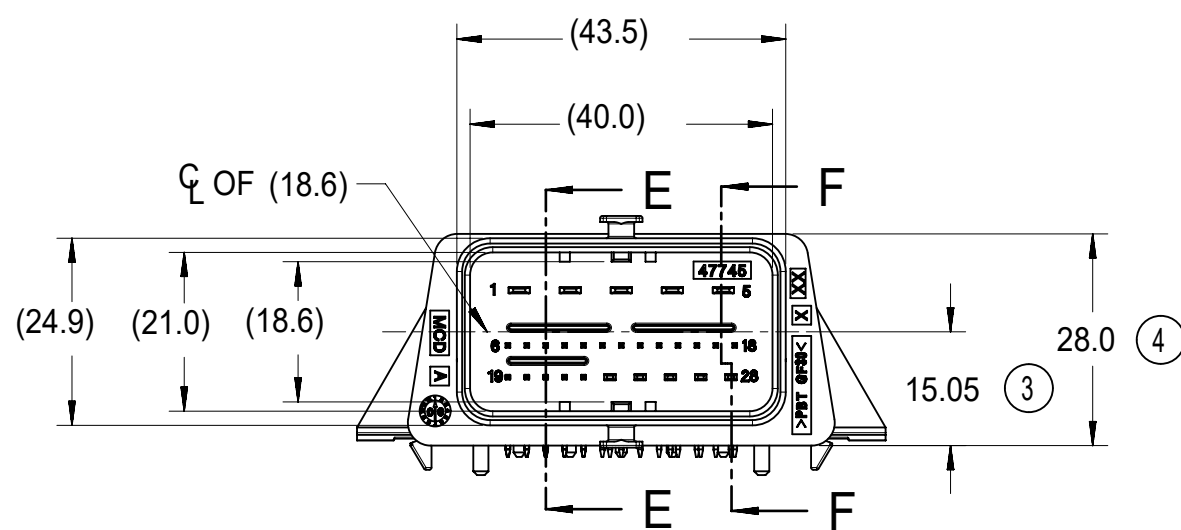
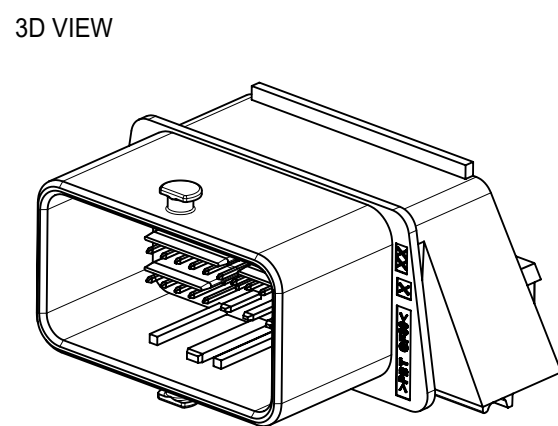
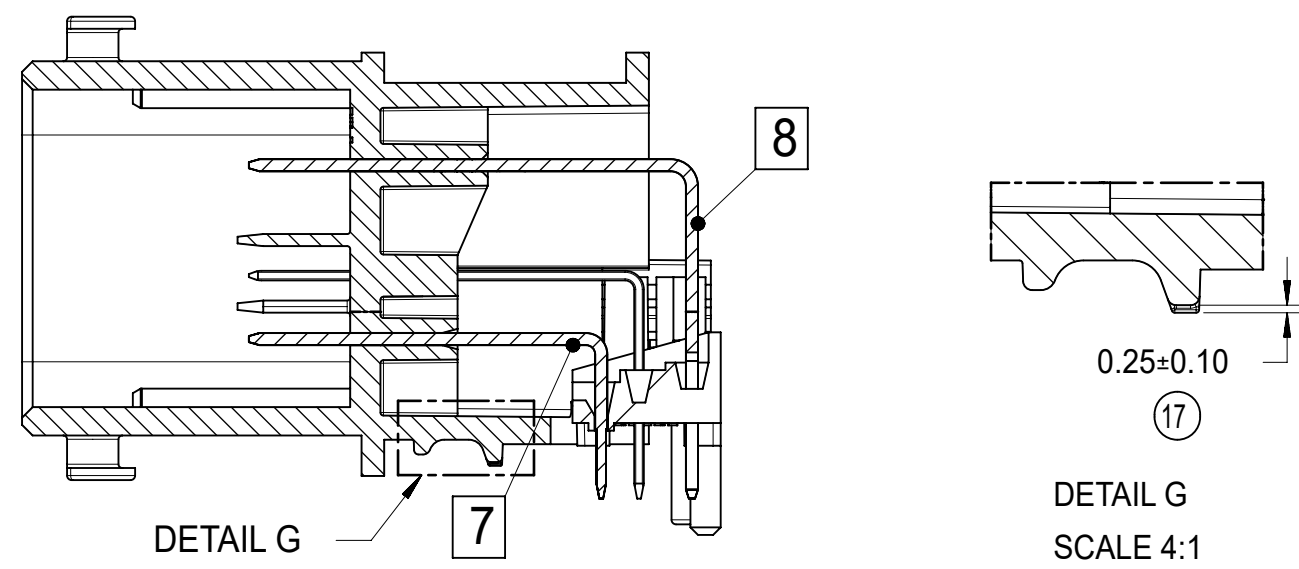
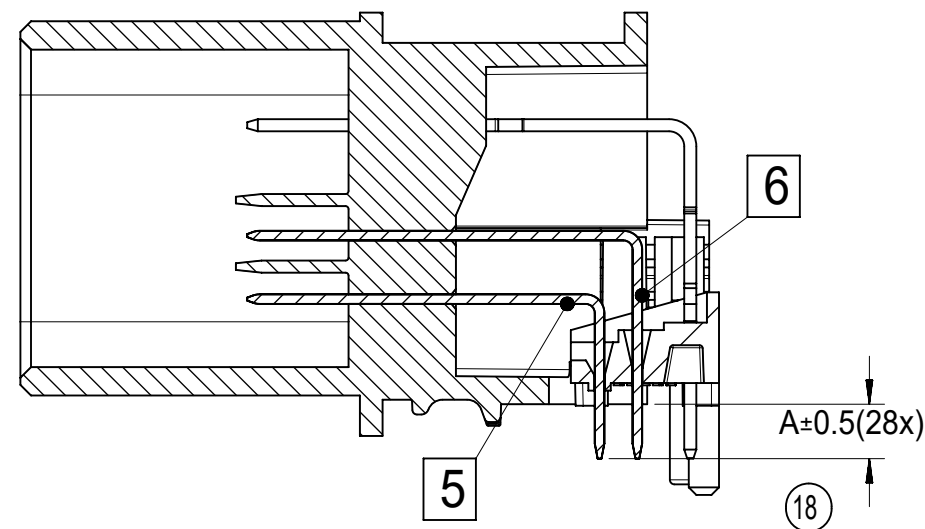
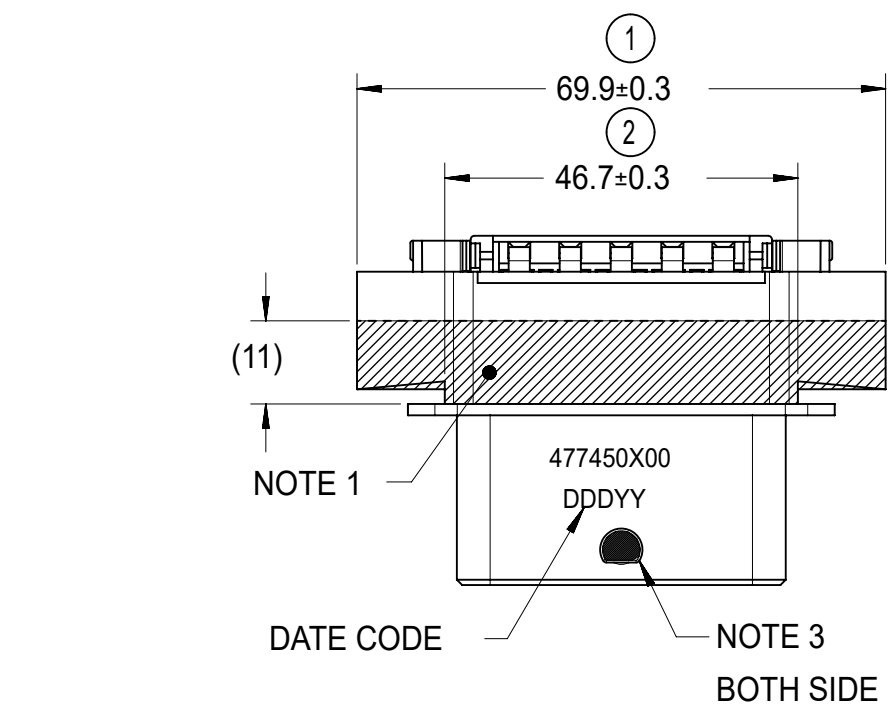
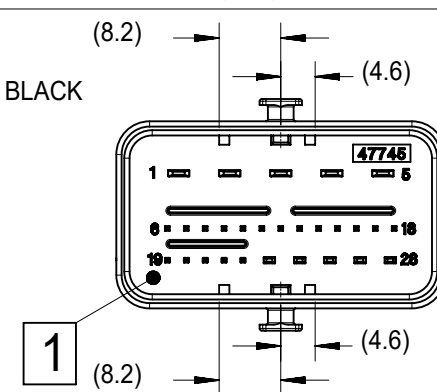
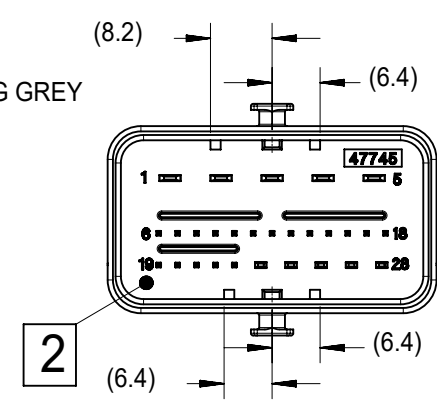
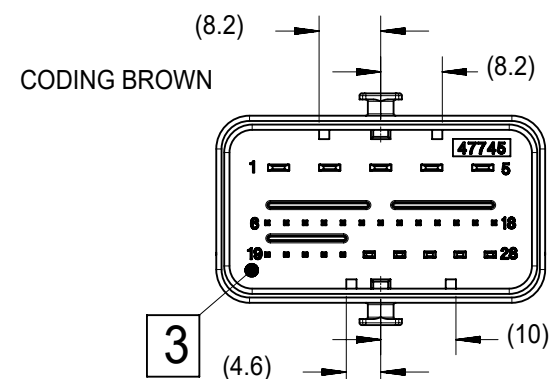
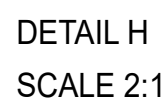
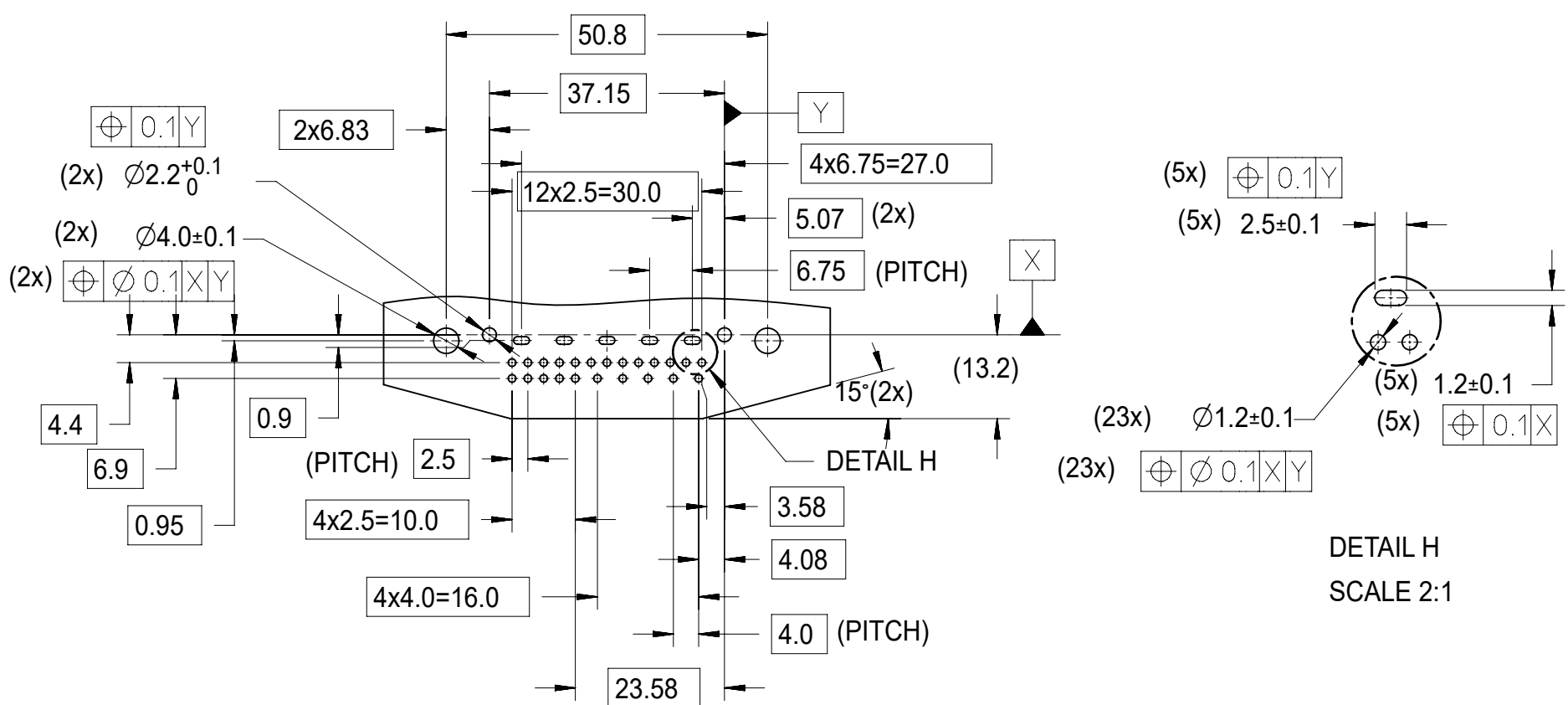


- NOTES:
- 1 - RECOMMENDED SEALED AREA  
RECOMMENDED ADHESIVE WITH COHESION FAILURE ABOVE 80% (TESTED IN LAB WITH TENSILE BAR):  
THREEBOND 1207B  
WACKER SEMICOSIL 987 GR  
DOW CORNING EA-6052  
FOR REFERENCE ONLY, IT IS CUSTOMER RESPONSIBILITY TO SELECT AND QUALIFY ADHESIVE TYPE BASED ON HIS OWN EXPERIENCE, EQUIPMENT AND INTERNAL PROCEDURES
  - 2 - THE PRODUCT MUST MEET THE GUIDELINE OF ENVIRONMENTAL CONDITIONS FOR HAZARDOUS SUBSTANCES (GUIDELINE FOR CHEMICAL SUBSTANCES)
  - 3 - MARKING FOR CODING: APPLY ASSIGNED COLOR INK  
CODING BLACK: NO PRINT  
CODING GREY: COLOR GREY  
CODING BROWN: COLOR BROWN
  - 4 - MATING WITH CMC 28W CONNECTOR  
MATERIAL PART NUMBER:  
LEFT WIRE OUTPUT CODING BALCK: 64318-1011  
LEFT WIRE OUTPUT CODING GREY: 64318-1018  
LEFT WIRE OUTPUT CODING BROWN: 64318-1019  
RIGHT WIRE OUTPUT CODING BALCK: 64318-3011  
RIGHT WIRE OUTPUT CODING GREY: 64318-3018  
RIGHT WIRE OUTPUT CODING BROWN: 64318-3019
  - 5 - INTERFACE DRAWING REFER TO SD-64318-002.



| CMC 28ckt hdr<br>Coding Black | CMC 28ckt hdr<br>Coding Grey | CMC 28ckt hdr<br>Coding Brown | CMC 28ckt hdr<br>Coding Black | CMC 28ckt hdr<br>Coding Grey | CMC 28ckt hdr<br>Coding Brown | DESCRIPTION                           |
|-------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|---------------------------------------|
| 477450100                     | 477450200                    | 477450300                     | 477450400                     | 477450500                    | 477450600                     | MOLEX MATERIAL NO.                    |
| 3.6mm                         | 3.6mm                        | 3.6mm                         | 2.9mm                         | 2.9mm                        | 2.9mm                         | DIM A - PIN LENGTH<br>FOR SOLDER SIDE |
| PK-47745-100                  | PK-47745-100                 | PK-47745-100                  | PK-47745-100                  | PK-47745-100                 | PK-47745-100                  | PACKAGING                             |
| 36.5g                         | 36.5g                        | 36.5g                         | 36.4g                         | 36.4g                        | 36.4g                         | WEIGHT MEASURED                       |
| 5                             | 5                            | 5                             | ---                           | ---                          | ---                           | VIEW PART                             |
| ---                           | ---                          | ---                           | 5                             | 5                            | 5                             |                                       |
| 5                             | 5                            | 5                             | ---                           | ---                          | ---                           |                                       |
| ---                           | ---                          | ---                           | 5                             | 5                            | 5                             |                                       |
| 13                            | 13                           | 13                            | ---                           | ---                          | ---                           |                                       |
| ---                           | ---                          | ---                           | 13                            | 13                           | 13                            |                                       |
| 5                             | 5                            | 5                             | ---                           | ---                          | ---                           |                                       |
| ---                           | ---                          | ---                           | 5                             | 5                            | 5                             |                                       |
| 1                             | 1                            | 1                             | 1                             | 1                            | 1                             |                                       |
| ---                           | ---                          | 1                             | ---                           | ---                          | 1                             |                                       |
| ---                           | 1                            | ---                           | ---                           | 1                            | ---                           |                                       |
| 1                             | ---                          | ---                           | 1                             | ---                          | ---                           |                                       |
| AMOUNT                        | AMOUNT                       | AMOUNT                        | AMOUNT                        | AMOUNT                       | AMOUNT                        |                                       |

|      |                             |                                                                                     |
|------|-----------------------------|-------------------------------------------------------------------------------------|
| 8    | Pin 2.8 - L Version         | Brass<br>plating Ni overall<br>1µm min. Tin conact side<br>2µm min. Tin Solder side |
|      | Pin 2.8 - S Version         |                                                                                     |
| 7    | Pin 1.5 - L Version         |                                                                                     |
|      | Pin 1.5 - S Version         |                                                                                     |
| 6    | Pin 0.64(Long) - L Version  |                                                                                     |
|      | Pin 0.64(Long) - S Version  |                                                                                     |
|      | Pin 0.64(Short) - L Version |                                                                                     |
| 5    | Pin 0.64(Short) - S Version |                                                                                     |
| 4    | Guide Plate                 | PBT, UL 94-HB<br>Color Black                                                        |
| 3    | Housing(Coding: Brown)      |                                                                                     |
| 2    | Housing(Coding: Grey)       |                                                                                     |
| 1    | Housing(Coding: Black)      |                                                                                     |
| ITEM | DESCRIPTION                 | MATERIAL                                                                            |



|                                                             |                                                                                                                                               |  |        |                        |                                                            |         |        |                          |  |                |                 |              |  |          |          |          |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--------|------------------------|------------------------------------------------------------|---------|--------|--------------------------|--|----------------|-----------------|--------------|--|----------|----------|----------|
| FUNCTIONAL SYMBOLS                                          | 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: NOTES UPDATE TO ADD ADHESIVE INFORMATION |         |        | <div>molex</div>         |  |                |                 |              |  |          |          |          |
| <div><div>F</div><div>A</div><div>=</div><div>0</div></div> | mm                                                                                                                                            |  | 1:1    |                        |                                                            |         |        |                          |  |                |                 |              |  |          |          |          |
| <div><div>F</div><div>C</div><div>=</div><div>0</div></div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |        |                        | EC NO: 661295                                              |         |        | CMC 28W R/A HEADER       |  |                |                 |              |  |          |          |          |
| <div><div>F</div><div>E</div><div>=</div><div>0</div></div> | ANGULAR TOL ± 2.0 °                                                                                                                           |  |        |                        |                                                            |         |        |                          |  |                |                 |              |  |          |          |          |
| DIVISIONAL SYMBOLS                                          | 4 PLACES                                                                                                                                      |  | ±      |                        | DRWN: BHU02                                                |         |        | 2021/04/19               |  |                |                 |              |  |          |          |          |
|                                                             | 3 PLACES                                                                                                                                      |  | ±      |                        | CHK'D: HWBAI                                               |         |        | 2021/05/09               |  |                |                 |              |  |          |          |          |
|                                                             | 2 PLACES                                                                                                                                      |  | ± 0.25 |                        | APPR: JDENG02                                              |         |        | 2021/05/12               |  |                |                 |              |  |          |          |          |
|                                                             | INITIAL REVISION:                                                                                                                             |  |        |                        | 2021/09/23                                                 |         |        | PRODUCT CUSTOMER DRAWING |  |                |                 |              |  |          |          |          |
|                                                             | 1 PLACE                                                                                                                                       |  | ± 0.25 |                        |                                                            |         |        |                          |  |                | DOCUMENT NUMBER |              |  | DOC TYPE | DOC PART | REVISION |
|                                                             | 0 PLACES                                                                                                                                      |  | ±      |                        |                                                            |         |        |                          |  |                | SD-47745-100    |              |  | PSD      | 001      | A3       |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS        |                                                                                                                                               |  |        | THIRD ANGLE PROJECTION |                                                            | DRAWING | SERIES | MATERIAL NUMBER          |  | CUSTOMER       |                 | SHEET NUMBER |  |          |          |          |
|                                                             |                                                                                                                                               |  |        |                        |                                                            | A2-SIZE | 47745  | SEE TABLE                |  | GENERAL MARKET |                 | 1 OF 1       |  |          |          |          |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/05/12 | 09:49:56 |
|-----------------|----|--------------|------------|----------|

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

47745-0400