

COMMENT:  
ALL RIGHTS ARE RESERVED BY US FOR THIS DRAWING. WITHOUT OUR PRIOR CONSENT,  
IT MAY NEITHER BE DUPLICATED NOR MADE AVAILABLE TO A THIRD PARTY.  
AND IT ALSO MAY NOT BE IMPROPERLY USED BY THE RECEIVER, OR A THIRD PARTY.

| 1            |               | 2                                   |           | 3         |           |                  | 4     |                       | 5         |           |            |           | 6 | 7 | 8 |
|--------------|---------------|-------------------------------------|-----------|-----------|-----------|------------------|-------|-----------------------|-----------|-----------|------------|-----------|---|---|---|
| Material-No. | Order-No.     | Shell Size / for<br>No. of Contacts | B<br>±0.1 | C<br>±0.3 | D<br>±0.3 | øF1<br>min - max | max l | øF2<br>Rubber bushing | H<br>±0.3 | U<br>±0.4 | V<br>±0.15 | W<br>-0.2 |   |   |   |
| 1731140956   | FMK1-09S-6190 | 1 / 9                               | 25        | 31.6      | 39.5      | 3 - 9.5          | 6.5   | FKT1-2                | 42        | 30.8      | 25         | 16.4      |   |   |   |
| 1731140964   | FMK2-15S-6190 | 2 / 15                              | 33.3      | 40        | 41        | 3 - 8.5          | 6.5   | FKT1-2                | 43.5      | 39.1      | 33.3       | 24.7      |   |   |   |
| 1731140972   | FMK3-25S-6190 | 3 / 25                              | 47.04     | 53.7      | 45        | 3 - 8.5          | 8     | FKT1-2A               | 47.5      | 53        | 47.04      | 38.5      |   |   |   |

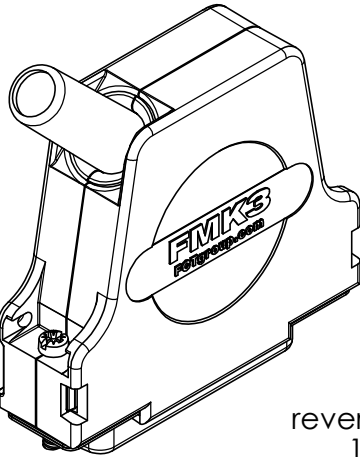
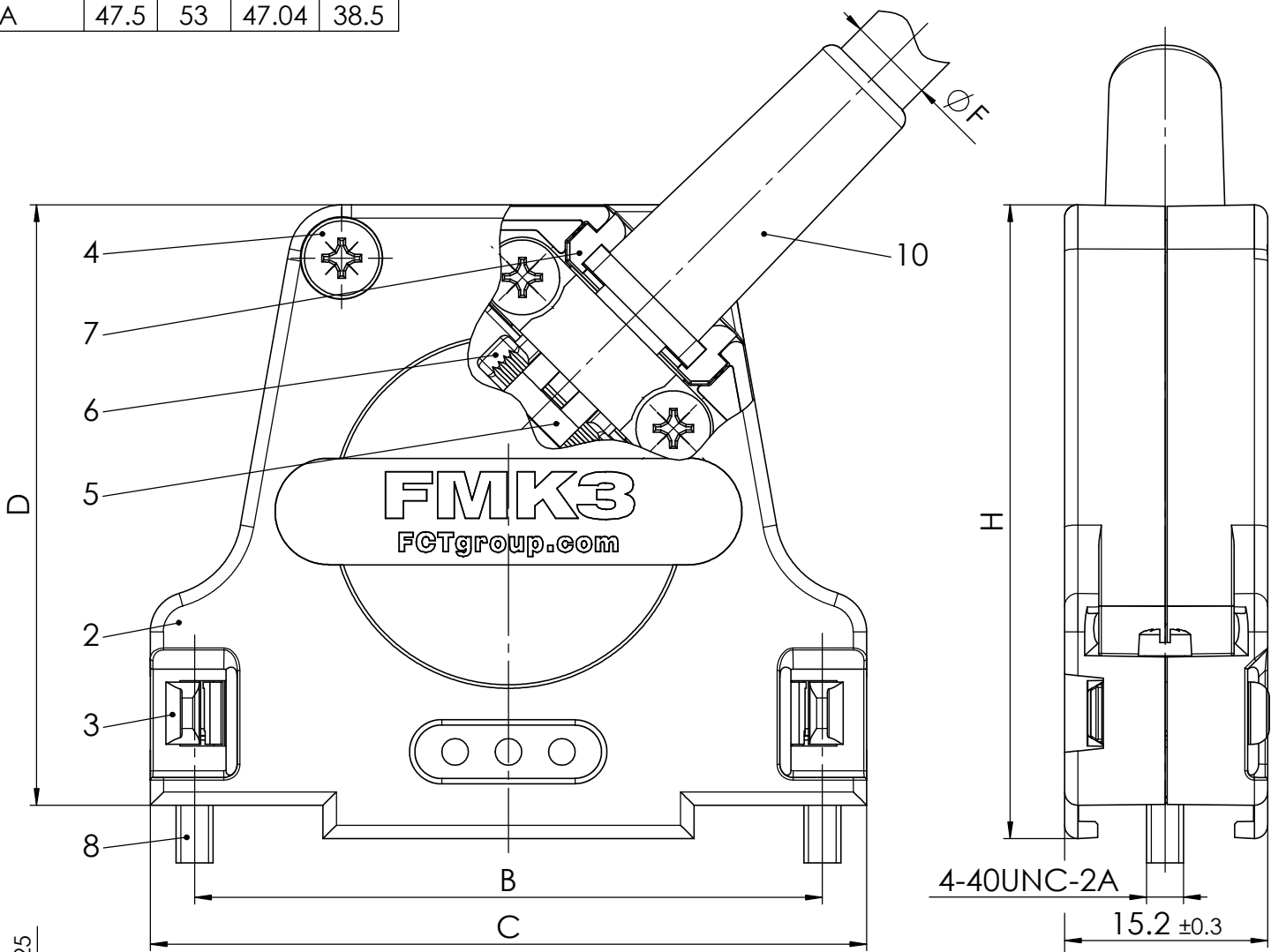
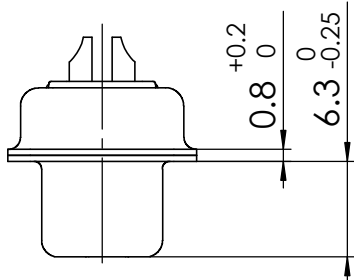
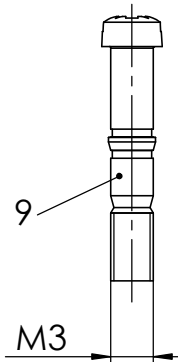
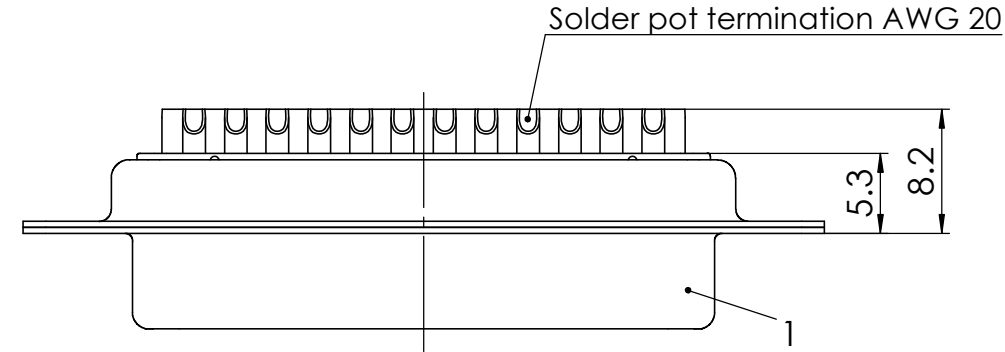
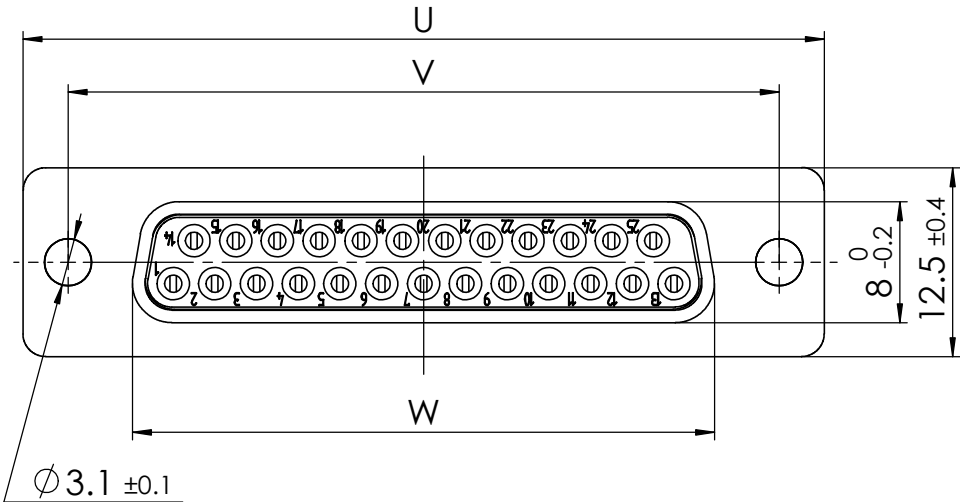
øF1 = Cable diameter without rubber bushing  
øF2 = Cable diameter with rubber bushing

# FMKy-xxS-6190

\*1) \*2)

## e.g. FMK3-25S-6190

\*1) y for hood size 1, 2 or 3  
\*2) xx No. of contacts 09, 15 or 25



RoHS compliant  
by exemption

Packing unit on supplement AM0665

max. torque are 40 Ncm  
Part-No. 4, 5 and 10 not mounted  
FMK1-09S-6190 with Part-No. 6 alternatively  
in Zinc die-cast, tin plated  
FMK1-09S-6190 without Part-No. 7

|     |     |                       |                           |                              |
|-----|-----|-----------------------|---------------------------|------------------------------|
| 10  | 1   | Rubber bushing        | TPE                       | black                        |
| 9   | 2   | Locking screw         | FVS1/5-K1163 M3 / Steel   | nickel plated                |
| 8   | 2   | Locking screw         | FVS1/5-K1163 4-40 / Steel | nickel plated                |
| 7   | 0/2 | Cable reduction plate | Zinc die-cast             | nickel plated                |
| 6   | 1   | Strain relief         | ABS                       | nickel plated                |
| 5   | 1   | Cable clamp           | Steel                     | tin plated                   |
| 4   | 3   | Screw                 | Case hardened steel       | zinc plated                  |
| 3   | 2   | Catch spring          | PEI                       | black                        |
| 2   | 1   | Hood                  | FMKy / Zinc die-cast      | nickel plated                |
| 1   | 1   | D-Sub Connector       | FxxS0G2                   |                              |
| No. | St. | Part                  | Type Description/Material | Surface plating/Colour/Class |

| SYMBOLS |     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                     |  |                                                                                                                                             |  |         |  |                          |  |  |  |                        |  |              |  |
|---------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------|--|---------|--|--------------------------|--|--|--|------------------------|--|--------------|--|
|         | = 0 | DIMENSION UNITS<br><b>mm</b>                                                                                                                  |  | SCALE<br><b>2:1</b> |  | MEASUREMENTS WITHOUT TOLERANCE ACC. TO<br><b>ISO 2768-m</b>                                                                                 |  |         |  | <b>molex</b>             |  |  |  |                        |  |              |  |
|         | = 0 |                                                                                                                                               |  |                     |  | CURRENT REVISION                                                                                                                            |  |         |  |                          |  |  |  | FCT Hood Connector Set |  |              |  |
|         | = 0 |                                                                                                                                               |  |                     |  | DRWN: DRAWN BY   ameyerrichte                      12-05-2021<br>APPR: APPR BY      BWittek                                      01-06-2021 |  |         |  |                          |  |  |  |                        |  |              |  |
|         | = 0 |                                                                                                                                               |  |                     |  | INITIAL REVISION                                                                                                                            |  |         |  | PRODUCT CUSTOMER DRAWING |  |  |  |                        |  |              |  |
|         | = 0 |                                                                                                                                               |  |                     |  | DRWN: DRAWN BY   ameyerrichte                      12-05-2021<br>APPR: APPR BY      BWittek                                      01-06-2021 |  |         |  |                          |  |  |  | MATERIAL NUMBER        |  | REVISION     |  |
|         | = 0 | REV.                                                                                                                                          |  | CH.-NO.             |  |                                                                                                                                             |  |         |  | see table                |  |  |  | 1                      |  |              |  |
|         | = 0 | REPLACEMENT FOR:                                                                                                                              |  |                     |  | THIRD ANGLE PROJECTION                                                                                                                      |  | DRAWING |  | DOCUMENT NUMBER          |  |  |  | CUSTOMER               |  | SHEET NUMBER |  |
|         | = 0 |                                                                                                                                               |  |                     |  |                                                                                                                                             |  | A3-SIZE |  | FMKy-xxS-6190            |  |  |  | GENERAL MARKET         |  | 1 OF 1       |  |