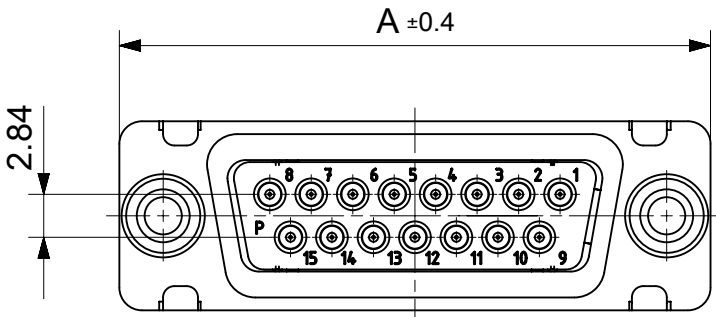
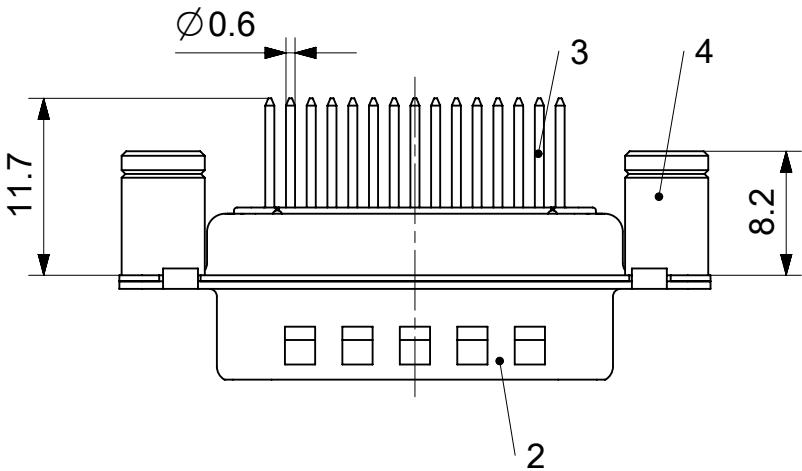
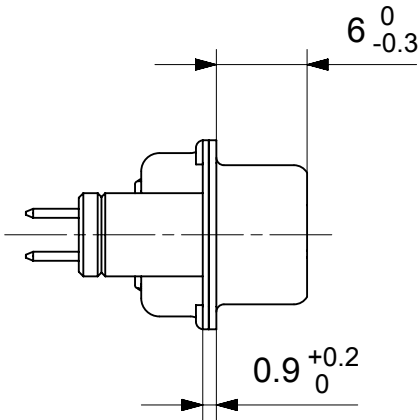
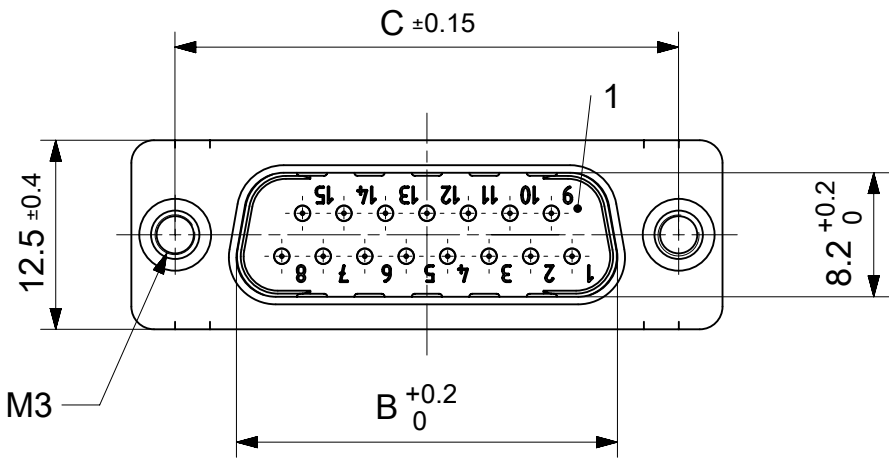


RoHS compliant  
by exemption



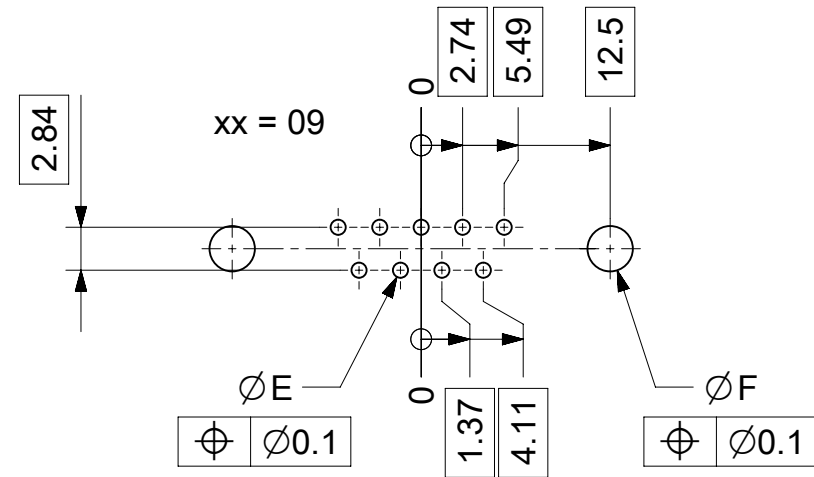
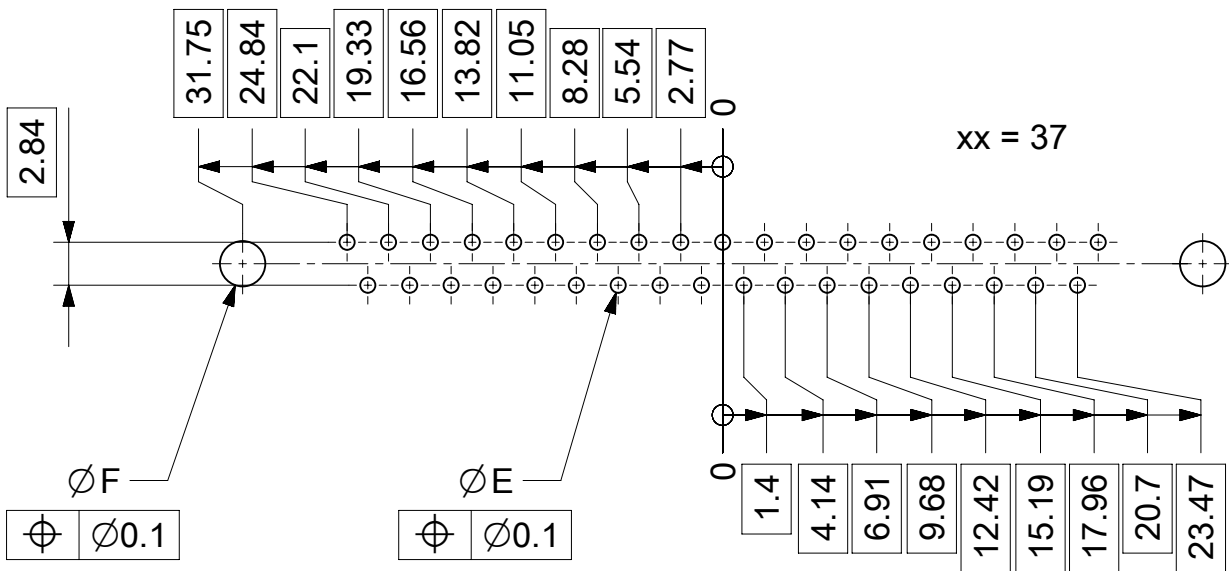
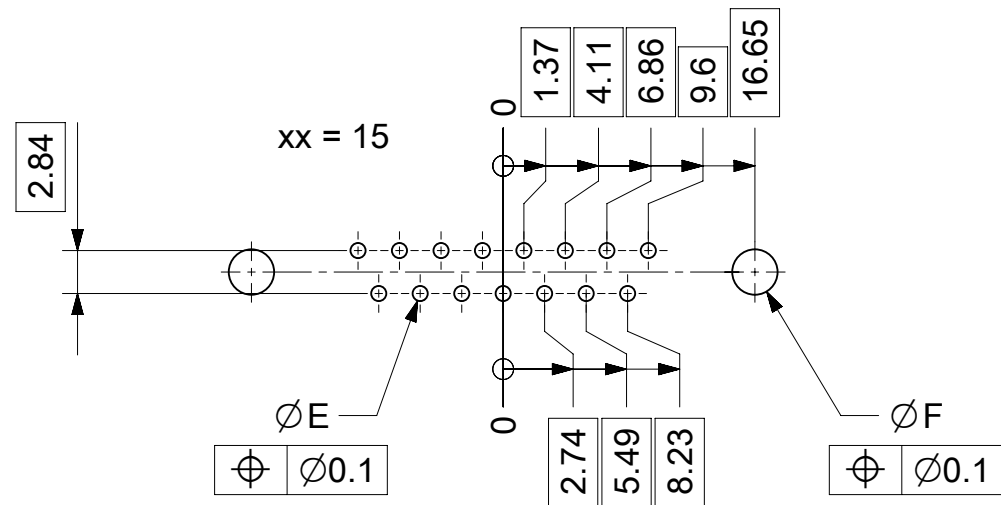
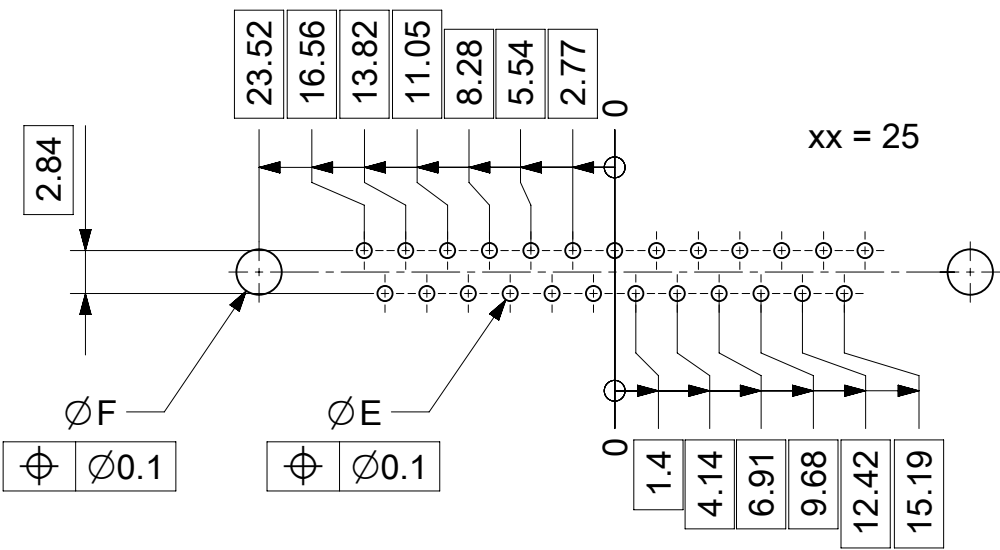
FCT Part number:  
**Fxx\*1)P22y\*2)-0302**  
e.g. F15P22G1-0302  
\*1) xx No. of contacts 09, 15, 25 or 37  
\*2) y for performance classes 1, 2 or 3  
(contact cycle for G1/G2/G3 = 500/200/50)

| Material Number | xx*1) | y*2) | A[mm] | B[mm] | C[mm] | *E[mm] |
|-----------------|-------|------|-------|-------|-------|--------|
| 1731091078      | 09    | G1   | 30.8  | 16.9  | 25    | Ø1     |
| 1731091080      |       | G2   |       |       |       |        |
| 1731091264      | 15    | G2   | 39.1  | 25.2  | 33.3  |        |
| 1731091407      | 25    | G2   | 53    | 38.9  | 47.04 |        |
| -               | 37    | -    | 69.3  | 55.3  | 63.5  |        |

\*PCB hole patterns ØE see document 2195600023

|     |     |                 |                                    |                                 |
|-----|-----|-----------------|------------------------------------|---------------------------------|
| 4   | 2   | Threaded spacer | M3 / Steel                         | tin plated                      |
| 3   | xx  | Signal contact  | P22 / Brass                        | G1 / G2                         |
| 2   | 1   | Shell           | Steel                              | tin plated                      |
| 1   | 1   | Insulator       | PBT (-55°C to +125°C) acc. UL94V-0 | white                           |
| No. | St. | Part            | Type Description/Material          | Surface plating/<br>Color/Class |

|                                                            |                                                                                                                                               |  |       |                        |                                                                                                                                                                                                                             |         |  |        |  |                                                       |  |  |                |  |                     |              |                     |  |                   |  |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--|--------|--|-------------------------------------------------------|--|--|----------------|--|---------------------|--------------|---------------------|--|-------------------|--|
| MEASUREMENTS WITHOUT TOLERANCE ACC TO ISO 2768-m           |                                                                                                                                               |  |       |                        | REPLACEMENT FOR DOCUMENT NUMBER: FxxP22Gy-0302                                                                                                                                                                              |         |  |        |  |                                                       |  |  |                |  |                     |              |                     |  |                   |  |
| 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:<br><br>EC NO: 712793<br>DRWN: SKANDB<br>CHK'D: MTEUBEL<br>APPR: MTEUBEL<br><br>EC NO: 712793<br>DRWN: SKANDB<br>CHK'D: MTEUBEL<br>APPR: MTEUBEL<br><br>INITIAL REVISION:<br>DRWN: SKANDB<br>APPR: MTEUBEL |         |  |        |  | <div>molex</div><br><br>FCT D-SUB MINIATURE CONNECTOR |  |  |                |  |                     |              |                     |  |                   |  |
|                                                            | mm                                                                                                                                            |  | 2:1   |                        |                                                                                                                                                                                                                             |         |  |        |  |                                                       |  |  |                |  |                     |              |                     |  |                   |  |
|                                                            | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |                        |                                                                                                                                                                                                                             |         |  |        |  | PRODUCT CUSTOMER DRAWING                              |  |  |                |  |                     |              |                     |  |                   |  |
| ANGULAR TOL    ±    °                                      |                                                                                                                                               |  |       |                        |                                                                                                                                                                                                                             |         |  |        |  |                                                       |  |  |                |  |                     |              |                     |  |                   |  |
| DIVISIONAL SYMBOLS                                         | 4 PLACES                                                                                                                                      |  | ±     |                        | 2021/12/10                                                                                                                                                                                                                  |         |  |        |  | DOCUMENT NUMBER<br><br>1731091078                     |  |  |                |  | DOC TYPE<br><br>PSD |              | DOC PART<br><br>000 |  | REVISION<br><br>A |  |
|                                                            | 3 PLACES                                                                                                                                      |  | ±     |                        | 2022/07/04                                                                                                                                                                                                                  |         |  |        |  |                                                       |  |  |                |  |                     |              |                     |  |                   |  |
|                                                            | 2 PLACES                                                                                                                                      |  | ±     |                        | 2022/07/04                                                                                                                                                                                                                  |         |  |        |  |                                                       |  |  |                |  |                     |              |                     |  |                   |  |
|                                                            | 1 PLACE                                                                                                                                       |  | ±     |                        | 2021/12/10                                                                                                                                                                                                                  |         |  |        |  |                                                       |  |  |                |  |                     |              |                     |  |                   |  |
|                                                            | 0 PLACES                                                                                                                                      |  | ±     |                        | 2022/07/04                                                                                                                                                                                                                  |         |  |        |  |                                                       |  |  |                |  |                     |              |                     |  |                   |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                               |  |       | FIRST ANGLE PROJECTION |                                                                                                                                                                                                                             | DRAWING |  | SERIES |  | MATERIAL NUMBER                                       |  |  | CUSTOMER       |  |                     | SHEET NUMBER |                     |  |                   |  |
|                                                            |                                                                                                                                               |  |       |                        |                                                                                                                                                                                                                             | A3-SIZE |  | 173109 |  | SEE TABLE                                             |  |  | GENERAL MARKET |  |                     | 1 OF 1       |                     |  |                   |  |



øE, øF see data sheet incl. connector  
øF connectors with accessories only

|                                                  |                                                                                                                                               |   |                        |         |                                                                                                                                       |        |          |        |                 |                   |          |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---|------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-----------------|-------------------|----------|
| MEASUREMENTS WITHOUT TOLERANCE ACC TO ISO 2768-m |                                                                                                                                               |   |                        |         | REPLACEMENT FOR DOCUMENT NUMBER: AM0023                                                                                               |        |          |        |                 |                   |          |
| FUNCTIONAL SYMBOLS                               | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |                        |         | <div>molex</div> <div>FCT PCB HOLE PATTERN STRAIGHT CONTACT<br/>NO. OF CONTACTS 09-37</div>                                           |        |          |        |                 |                   |          |
|                                                  | DIMENSION UNITS                                                                                                                               |   | SCALE                  |         |                                                                                                                                       |        |          |        |                 | CURRENT REV DESC: |          |
| <div>F<sub>A</sub></div> = 0                     | mm                                                                                                                                            |   | 2:1                    |         | EC NO: 713905<br>DRWN: SKANDB<br>CHK'D: MTEUBEL<br>APPR: MTEUBEL<br><div>2022/05/16</div> <div>2022/07/12</div> <div>2022/07/12</div> |        |          |        |                 |                   |          |
| <div>F<sub>E</sub></div> = 0                     | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |   |                        |         |                                                                                                                                       |        |          |        |                 |                   |          |
| <div>F<sub>P</sub></div> = 0                     | ANGULAR TOL    ±       °                                                                                                                      |   |                        |         |                                                                                                                                       |        |          |        |                 |                   |          |
| 4 PLACES                                         |                                                                                                                                               | ± |                        |         |                                                                                                                                       |        |          |        |                 |                   |          |
| DIVISIONAL SYMBOLS                               | 3 PLACES                                                                                                                                      |   | ±                      |         | INITIAL REVISION:<br>DRWN: SKANDB<br>APPR: MTEUBEL<br><div>2022/05/16</div> <div>2022/07/12</div>                                     |        |          |        |                 |                   |          |
|                                                  | 2 PLACES                                                                                                                                      |   | ±                      |         | PRODUCT CUSTOMER DRAWING                                                                                                              |        |          |        |                 |                   |          |
|                                                  | 1 PLACE                                                                                                                                       |   | ±                      |         | DOCUMENT NUMBER                                                                                                                       |        | DOC TYPE |        | DOC PART        | REVISION          |          |
|                                                  | 0 PLACES                                                                                                                                      |   | ±                      |         | 2195600023                                                                                                                            |        | PSD      |        | 000             | A                 |          |
|                                                  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |   | FIRST ANGLE PROJECTION |         | DRAWING                                                                                                                               |        | SERIES   |        | MATERIAL NUMBER |                   | CUSTOMER |
|                                                  |                                                                                                                                               |   |                        | A3-SIZE |                                                                                                                                       | 219560 |          | 219560 |                 | GENERAL MARKET    |          |
|                                                  |                                                                                                                                               |   |                        |         |                                                                                                                                       |        |          |        |                 | 1 OF 1            |          |