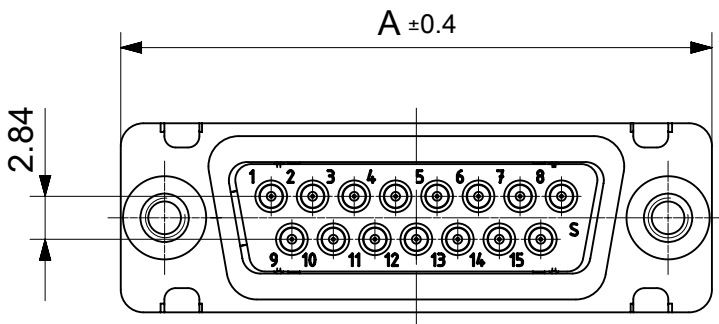
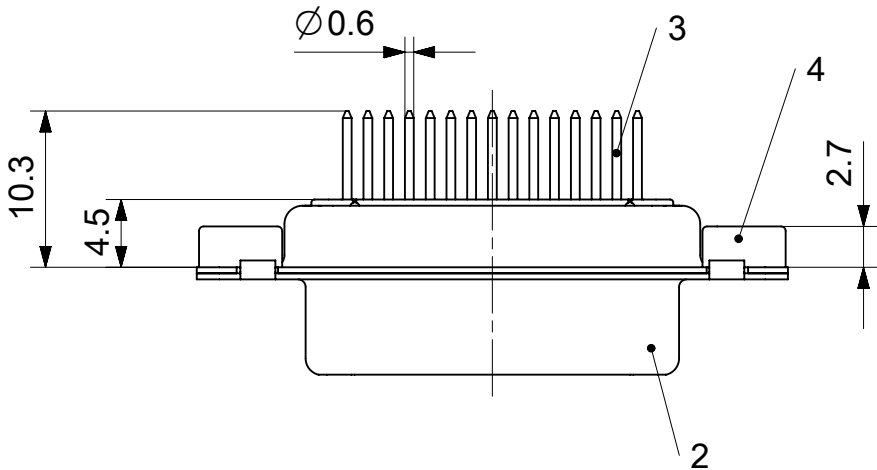
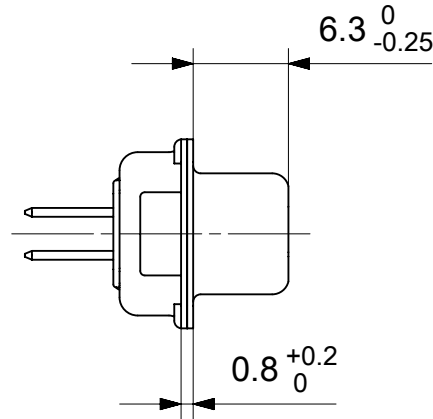
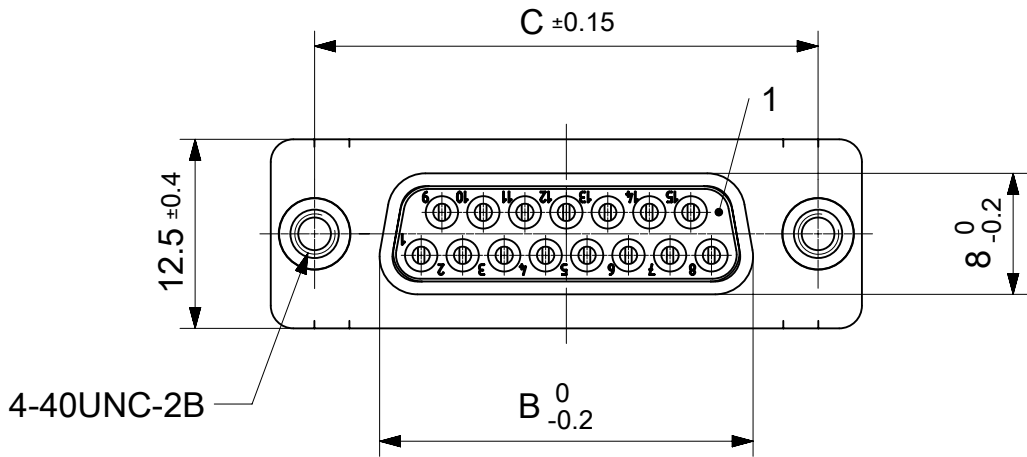


RoHS compliant  
by exemption



FCT Part number:

FTxx\*1)S1G1A

e.g. FT15S1G1A

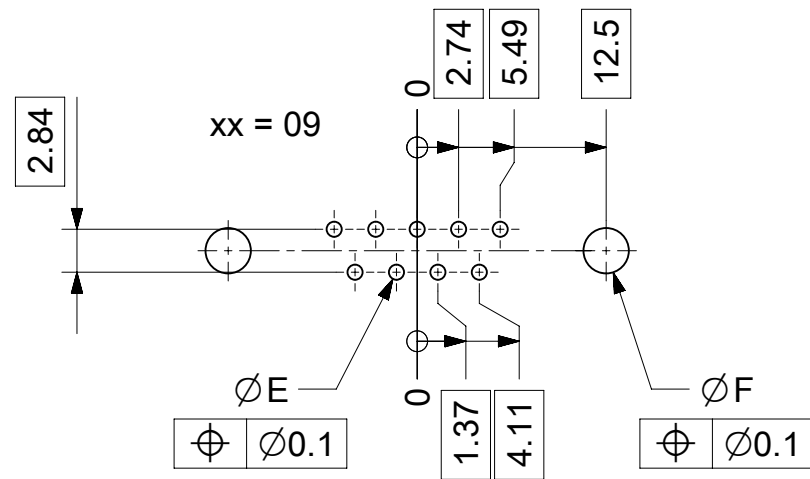
\*1) xx No. of contacts 09, 15, 25 or 37

| Material Number | xx*1) | A[mm] | B[mm] | C[mm] | *E[mm]          |
|-----------------|-------|-------|-------|-------|-----------------|
| 1731091781      | 09    | 30.8  | 16.4  | 25    | $\varnothing 1$ |
| -               | 15    | 39.1  | 24.7  | 33.3  |                 |
| -               | 25    | 53    | 38.5  | 47.04 |                 |
| 1731091786      | 37    | 69.3  | 54.9  | 63.5  |                 |

\*PCB hole patterns  $\varnothing E$  see document 2195600023

|     |     |                |                                    |                                 |
|-----|-----|----------------|------------------------------------|---------------------------------|
| 4   | 2   | Clinch nut     | FT 4-40 / Steel                    | tin plated                      |
| 3   | xx  | Signal contact | S1 / Brass                         | AuroPur                         |
| 2   | 1   | Shell          | Steel                              | tin plated                      |
| 1   | 1   | Insulator      | PBT (-55°C to +125°C) acc. UL94V-0 | white                           |
| No. | Pc. | Part           | Type Description/Material          | Surface plating/<br>Color/Class |

|                                                                                           |                                                                                                                                               |                                                                                       |                                                                                                                                                                                                            |                                   |  |                                            |  |                 |       |                 |                               |                 |  |               |  |  |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--|--------------------------------------------|--|-----------------|-------|-----------------|-------------------------------|-----------------|--|---------------|--|--|
| MEASUREMENTS WITHOUT TOLERANCE ACC TO ISO 2768-m                                          |                                                                                                                                               |                                                                                       |                                                                                                                                                                                                            |                                   |  | REPLACEMENT FOR DOCUMENT NUMBER: FTxxS1G1A |  |                 |       |                 |                               |                 |  |               |  |  |
| FUNCTIONAL SYMBOLS<br><br>F A = 0<br><br>F E = 0<br><br>F B = 0<br><br>DIVISIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                       | CURRENT REV DESC:<br><br>EC NO: 708549<br>DRWN: SUGEEB 2021/12/07<br>CHK'D: MTEUBEL 2022/05/30<br>APPR: MTEUBEL 2022/05/30<br><br>INITIAL REVISION:<br>DRWN: SUGEEB 2021/12/07<br>APPR: MTEUBEL 2022/05/30 |                                   |  |                                            |  |                 | molex |                 |                               |                 |  |               |  |  |
|                                                                                           | DIMENSION UNITS                                                                                                                               |                                                                                       |                                                                                                                                                                                                            |                                   |  |                                            |  |                 | SCALE |                 | FCT D-SUB MINIATURE CONNECTOR |                 |  |               |  |  |
|                                                                                           | mm                                                                                                                                            |                                                                                       |                                                                                                                                                                                                            |                                   |  |                                            |  |                 | 2:1   |                 |                               |                 |  |               |  |  |
|                                                                                           | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                                                                                       | PRODUCT CUSTOMER DRAWING                                                                                                                                                                                   |                                   |  |                                            |  |                 |       |                 |                               |                 |  |               |  |  |
|                                                                                           | ANGULAR TOL    ±       °                                                                                                                      |                                                                                       |                                                                                                                                                                                                            |                                   |  |                                            |  |                 |       |                 |                               |                 |  |               |  |  |
|                                                                                           | 4 PLACES                                                                                                                                      |                                                                                       |                                                                                                                                                                                                            |                                   |  |                                            |  |                 | ±     |                 |                               |                 |  |               |  |  |
|                                                                                           | 3 PLACES                                                                                                                                      |                                                                                       |                                                                                                                                                                                                            |                                   |  |                                            |  |                 | ±     |                 |                               |                 |  |               |  |  |
| 2 PLACES                                                                                  |                                                                                                                                               | ±                                                                                     |                                                                                                                                                                                                            |                                   |  |                                            |  |                 |       |                 |                               |                 |  |               |  |  |
| 1 PLACE                                                                                   |                                                                                                                                               | ±                                                                                     |                                                                                                                                                                                                            | DOCUMENT NUMBER<br><br>1731091781 |  |                                            |  |                 |       | DOC TYPE<br>PSD |                               | DOC PART<br>000 |  | REVISION<br>A |  |  |
| 0 PLACES                                                                                  |                                                                                                                                               | ±                                                                                     |                                                                                                                                                                                                            |                                   |  |                                            |  |                 |       |                 |                               |                 |  |               |  |  |
| 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> = 0</div>                               | mm                                                                                                                                            | 2:1                                                                                | EC NO: 713905<br>DRWN: SKANDB<br>CHK'D: MTEUBEL<br>APPR: MTEUBEL<br><br>2022/05/16<br>2022/07/12<br>2022/07/12 |            | PRODUCT CUSTOMER DRAWING                                                                    |                 |     |                |  |              |
| <div>F<sub>E</sub> = 0</div>                               | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                                                                                    |                                                                                                                |            |                                                                                             |                 |     |                |  |              |
| <div>F<sub>P</sub> = 0</div>                               | ANGULAR TOL ± °                                                                                                                               |                                                                                    |                                                                                                                |            |                                                                                             |                 |     |                |  |              |
| DIVISIONAL SYMBOLS                                         | 4 PLACES                                                                                                                                      | ±                                                                                  |                                                                                                                |            | DOCUMENT NUMBER                                                                             |                 |     |                |  |              |
|                                                            | 3 PLACES                                                                                                                                      | ±                                                                                  |                                                                                                                |            | DOC TYPE                                                                                    |                 |     |                |  |              |
|                                                            | 2 PLACES                                                                                                                                      | ±                                                                                  | DOC PART                                                                                                       |            |                                                                                             |                 |     |                |  |              |
|                                                            | 1 PLACE                                                                                                                                       | ±                                                                                  | REVISION                                                                                                       |            |                                                                                             |                 |     |                |  |              |
| 0 PLACES                                                   | ±                                                                                                                                             | INITIAL REVISION:<br>DRWN: SKANDB<br>APPR: MTEUBEL<br><br>2022/05/16<br>2022/07/12 |                                                                                                                | 2195600023 |                                                                                             | PSD             | 000 | A              |  |              |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                               | FIRST ANGLE PROJECTION                                                             |                                                                                                                | DRAWING    | SERIES                                                                                      | MATERIAL NUMBER |     | CUSTOMER       |  | SHEET NUMBER |
|                                                            |                                                                                                                                               |                                                                                    |                                                                                                                | A3-SIZE    | 219560                                                                                      | 219560          |     | GENERAL MARKET |  | 1 OF 1       |