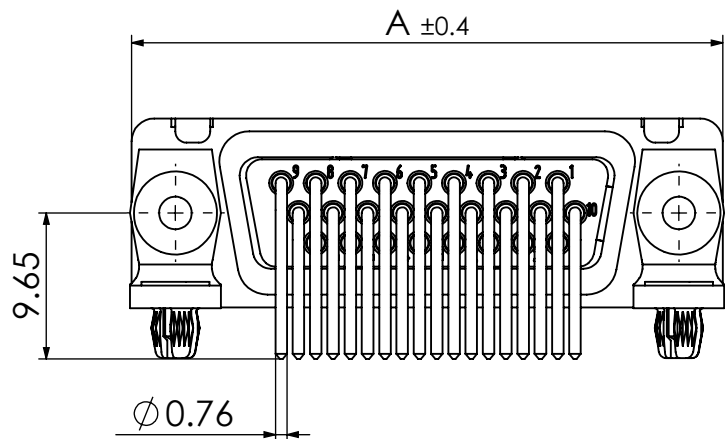
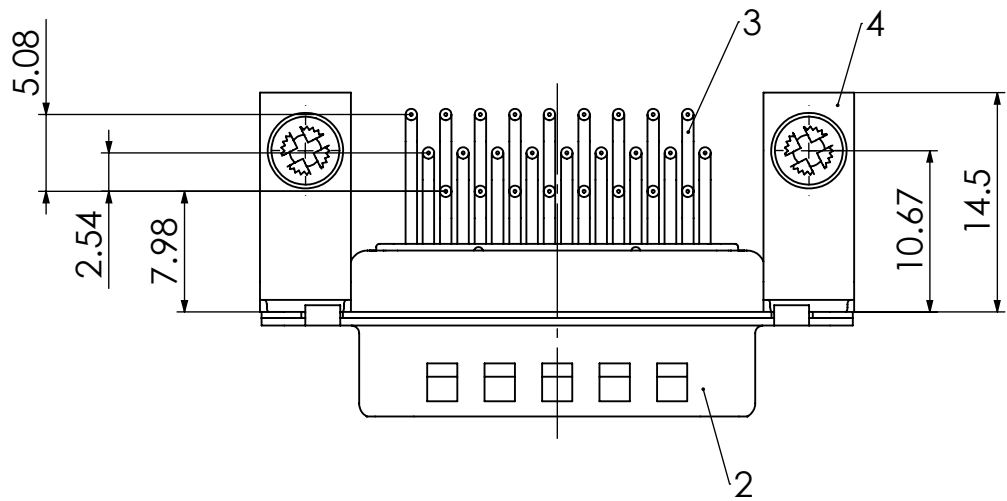
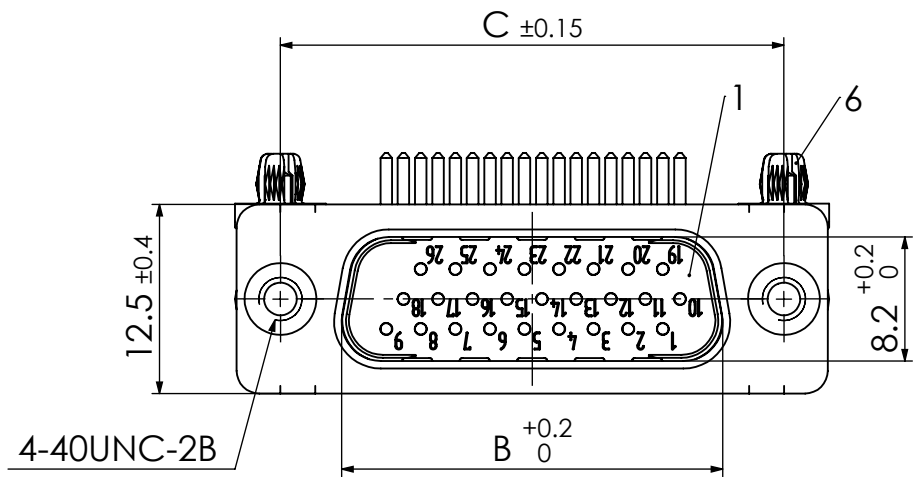
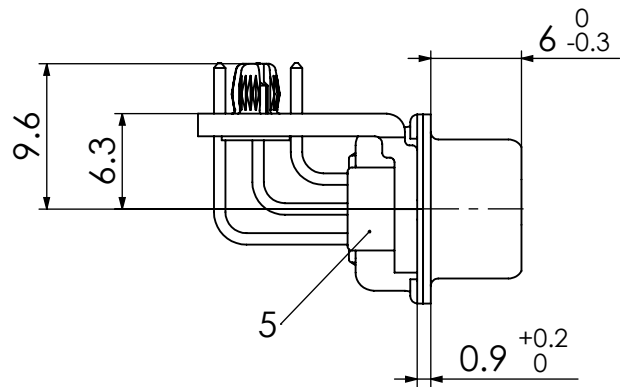


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RoHS compliant  
by exemption



## Fx-x\*)P135G0-5979

e.g. F15-26P135G0-5979

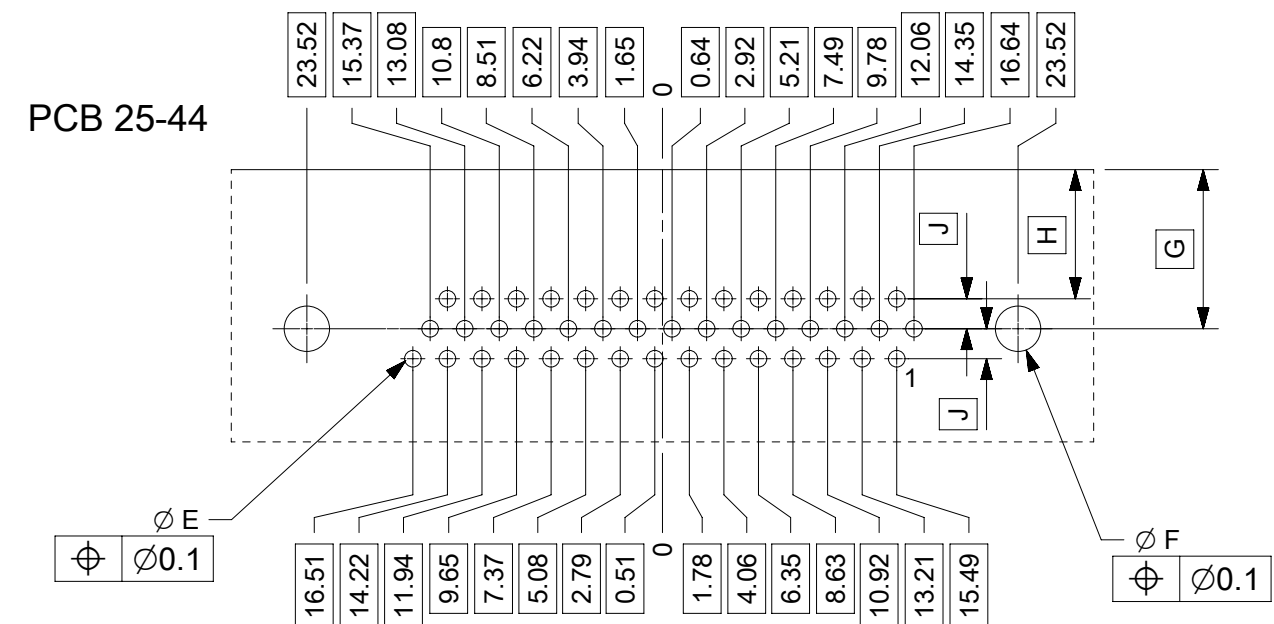
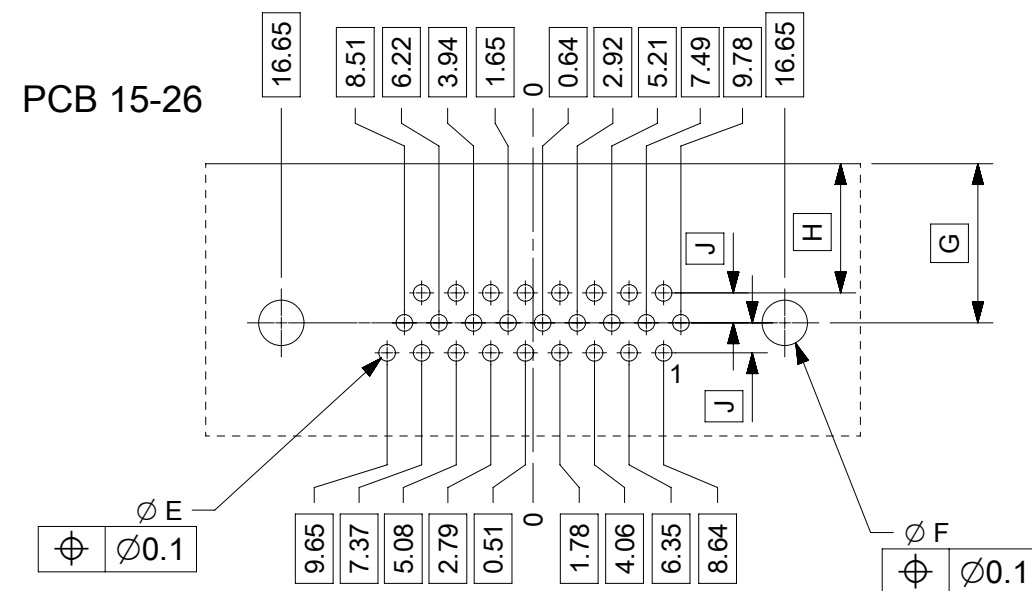
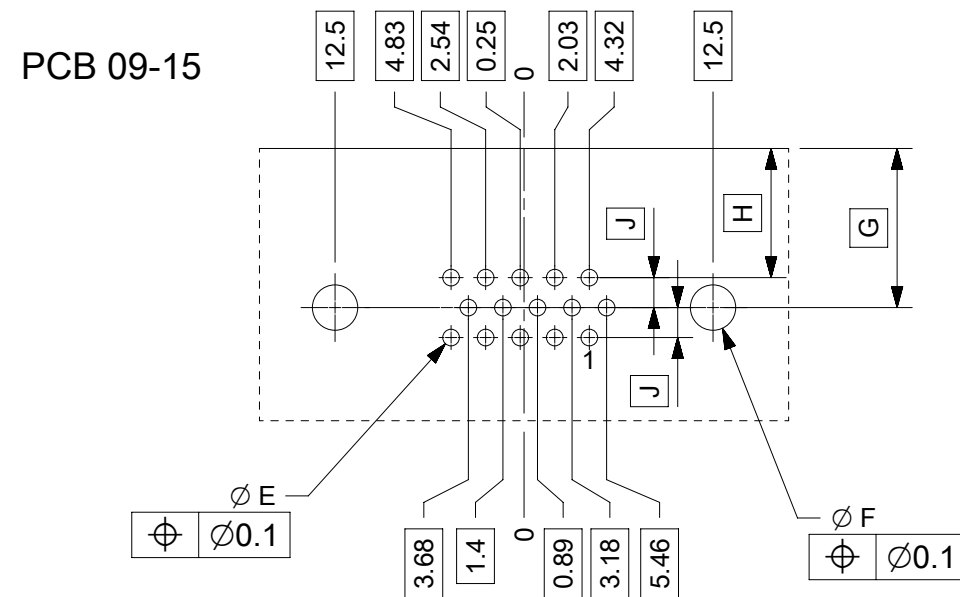
\*) xx No. of contacts 09-15, 15-26 or 25-44

| MATERIAL NUMBER | xx *) | A [mm] | B [mm] | C [mm] | E* [mm] | F* [mm] | G* [mm] | H* [mm] | J* [mm] | No. of Contacts<br>1./2./3. row |
|-----------------|-------|--------|--------|--------|---------|---------|---------|---------|---------|---------------------------------|
| 1731130153      | 09-15 | 30.8   | 16.9   | 25     | ø1      | ø3      | 10.67   | 7.98    | 2.54    | 5/5/5                           |
| 1731130154      | 15-26 | 39.1   | 25.2   | 33.3   |         |         |         |         |         | 9/9/8                           |
| 1731130155      | 25-44 | 53     | 38.9   | 47.04  |         |         |         |         |         | 15/15/14                        |

\*PCB hole patterns, øE, øF, G, H, J see document AM0568\_P

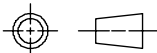
|     |     |                          |                           |                              |
|-----|-----|--------------------------|---------------------------|------------------------------|
| 6   | 2   | Snap-in rivet            | PCB 1.6mm / Brass         | tin plated                   |
| 5   | 2   | Clinch nut               | MW 4-40 / Steel           | tin plated                   |
| 4   | 2   | Bracket                  | F1080-29 / Steel          | tin plated                   |
| 3   | x-x | Signal contact, machined | HP135 / Brass             | 0.8µm Au                     |
| 2   | 1   | Shell                    | Steel                     | tin plated                   |
| 1   | 1   | Insulator                | Thermoplastic, GF         | black                        |
| No. | St. | Part                     | Type Description/Material | Surface plating/Colour/Class |

|                                                                                                                               |  |                                                                                                                                               |  |                                      |  |                                                       |  |                          |  |                                  |  |              |  |
|-------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------|--|-------------------------------------------------------|--|--------------------------|--|----------------------------------|--|--------------|--|
| <div>FUNCTIONAL SYMBOLS</div> <div><div>F<sub>A</sub> = 0</div><div>F<sub>B</sub> = 0</div><div>F<sub>C</sub> = 0</div></div> |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                      |  |                                                       |  |                          |  |                                  |  |              |  |
|                                                                                                                               |  | DIMENSION UNITS                                                                                                                               |  | SCALE                                |  | MEASUREMENTS WITHOUT TOLERANCE ACC. TO<br>ISO 2768-mK |  |                          |  | <div>molex</div>                 |  |              |  |
|                                                                                                                               |  | mm                                                                                                                                            |  | 2:1                                  |  |                                                       |  |                          |  |                                  |  |              |  |
|                                                                                                                               |  |                                                                                                                                               |  |                                      |  | CURRENT REVISION                                      |  |                          |  | FCT High Density D-Sub Connector |  |              |  |
| 4                                                                                                                             |  | 24375                                                                                                                                         |  | DRWN: DRAWN BY fvetter 26-08-2022    |  |                                                       |  |                          |  |                                  |  |              |  |
| 3                                                                                                                             |  | 24130                                                                                                                                         |  | APPR: APPR BY gkrimshandl 29-08-2022 |  |                                                       |  |                          |  |                                  |  |              |  |
| 2                                                                                                                             |  | 24001                                                                                                                                         |  | INITIAL REVISION                     |  |                                                       |  |                          |  |                                  |  |              |  |
| 1                                                                                                                             |  |                                                                                                                                               |  | DRWN: DRAWN BY MTeubel 07-11-2016    |  |                                                       |  | PRODUCT CUSTOMER DRAWING |  |                                  |  |              |  |
| REV.                                                                                                                          |  | CH.-NO.                                                                                                                                       |  | APPR: APPR BY sschref 09-11-2016     |  |                                                       |  |                          |  |                                  |  |              |  |
| REPLACEMENT FOR:                                                                                                              |  | FIRST ANGLE PROJECTION                                                                                                                        |  | DRAWING                              |  | DOCUMENT NUMBER                                       |  |                          |  | CUSTOMER                         |  | SHEET NUMBER |  |
|                                                                                                                               |  |                                                          |  | A3-SIZE                              |  | Fx-xP135G0-5979                                       |  |                          |  | GENERAL MARKET                   |  | 1 OF 1       |  |



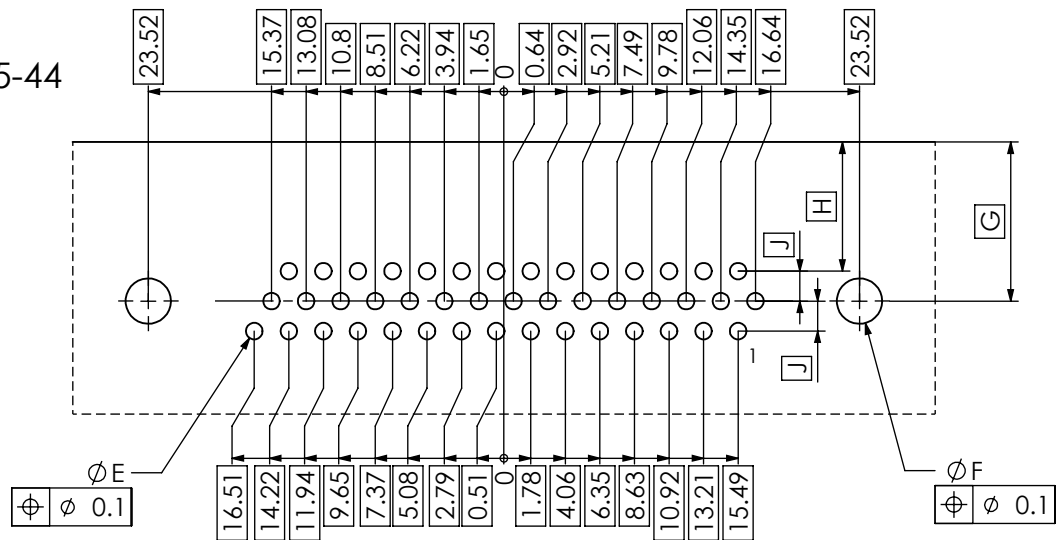
VIEW ON MOUNTING SIDE

ØE, ØF, G, H, J SEE DATA SHEET INCL. CONNECTOR  
ØF, CONNECTORS WITH ACCESSORIES ONLY

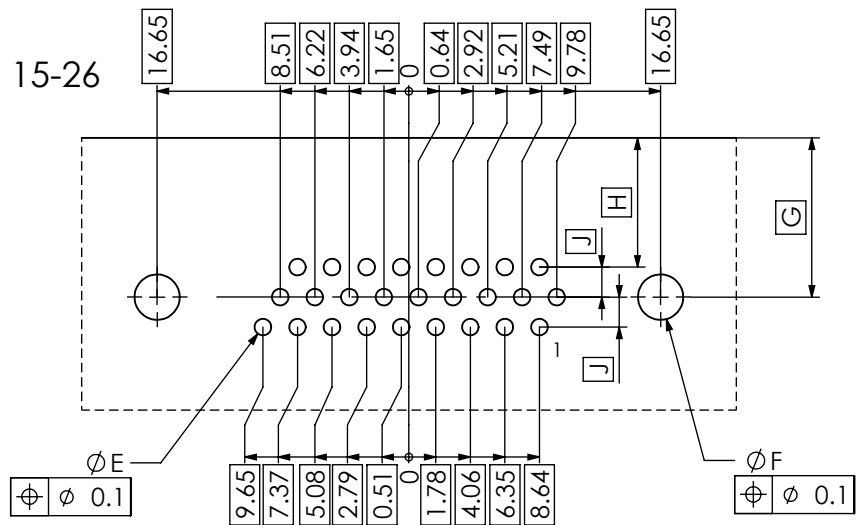
|                                                                                                                                               |            |                                          |                                                         |                 |              |                                                                                       |                        |          |                                                             |                |  |              |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------|---------------------------------------------------------|-----------------|--------------|---------------------------------------------------------------------------------------|------------------------|----------|-------------------------------------------------------------|----------------|--|--------------|--|--|--|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |            |                                          |                                                         |                 |              |                                                                                       |                        |          |                                                             |                |  |              |  |  |  |  |
| EC NO: 117803<br>DRWN: RLALSANGI<br>CHK'D: ISHWARG<br>APPR: ISHWARG                                                                           | 2017/05/12 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) | DIMENSION UNITS                                         |                 | SCALE        |                                                                                       | <div>molex®</div>      |          |                                                             |                |  |              |  |  |  |  |
|                                                                                                                                               | 2017/06/07 |                                          | MM                                                      |                 | 1:1          |                                                                                       |                        |          |                                                             |                |  |              |  |  |  |  |
|                                                                                                                                               | 2017/06/07 |                                          | ANGULAR TOL ± °                                         |                 | DRWN BY      |                                                                                       | DATE                   |          | PCB HOLE PATTERN<br>PIN HIGH-DENSITY CONNECTOR RIGHT ANGLED |                |  |              |  |  |  |  |
|                                                                                                                                               |            |                                          | 4 PLACES ±                                              |                 | RLALSANGI    |                                                                                       | 2017/05/12             |          |                                                             |                |  |              |  |  |  |  |
|                                                                                                                                               |            |                                          | 3 PLACES ±                                              |                 | CHK'D BY     |                                                                                       | DATE                   |          |                                                             |                |  |              |  |  |  |  |
|                                                                                                                                               |            |                                          | 2 PLACES ±                                              |                 | ISHWARG      |                                                                                       | 2017/06/07             |          |                                                             |                |  |              |  |  |  |  |
|                                                                                                                                               |            |                                          | 1 PLACE ±                                               |                 | APPR BY      |                                                                                       | DATE                   |          | PRODUCT CUSTOMER DRAWING                                    |                |  |              |  |  |  |  |
|                                                                                                                                               |            |                                          | 0 PLACES ±                                              |                 | ISHWARG      |                                                                                       | 2017/06/07             |          |                                                             |                |  |              |  |  |  |  |
|                                                                                                                                               |            |                                          | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |                 | DRAWING SIZE |                                                                                       | THIRD ANGLE PROJECTION |          |                                                             |                |  |              |  |  |  |  |
|                                                                                                                                               |            |                                          |                                                         | A3              |              |  |                        |          |                                                             |                |  |              |  |  |  |  |
|                                                                                                                                               |            |                                          |                                                         | SERIES          |              | MATERIAL NUMBER                                                                       |                        |          |                                                             | CUSTOMER       |  |              |  |  |  |  |
|                                                                                                                                               |            |                                          |                                                         | 173113          |              | NOT APPLICABLE                                                                        |                        |          |                                                             | GENERAL MARKET |  |              |  |  |  |  |
| A                                                                                                                                             | REV        |                                          |                                                         | DOCUMENT NUMBER |              |                                                                                       |                        | DOC TYPE |                                                             | DOC PART       |  | SHEET NUMBER |  |  |  |  |
|                                                                                                                                               |            |                                          |                                                         | 1731131002      |              |                                                                                       |                        | PSD      |                                                             | 000            |  | 1 OF 1       |  |  |  |  |

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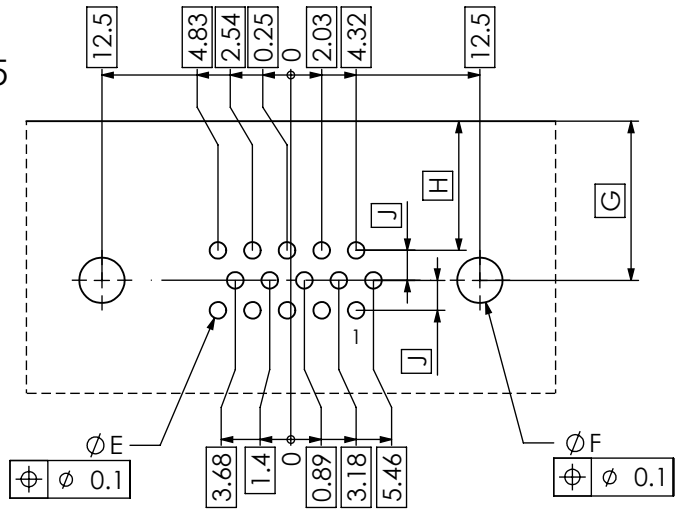
PCB 25-44



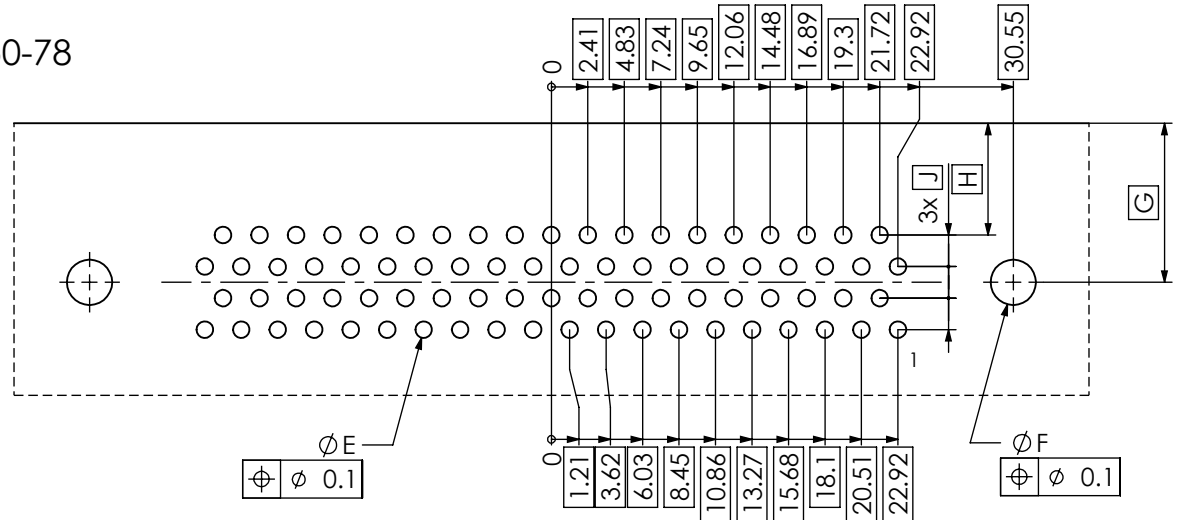
PCB 15-26



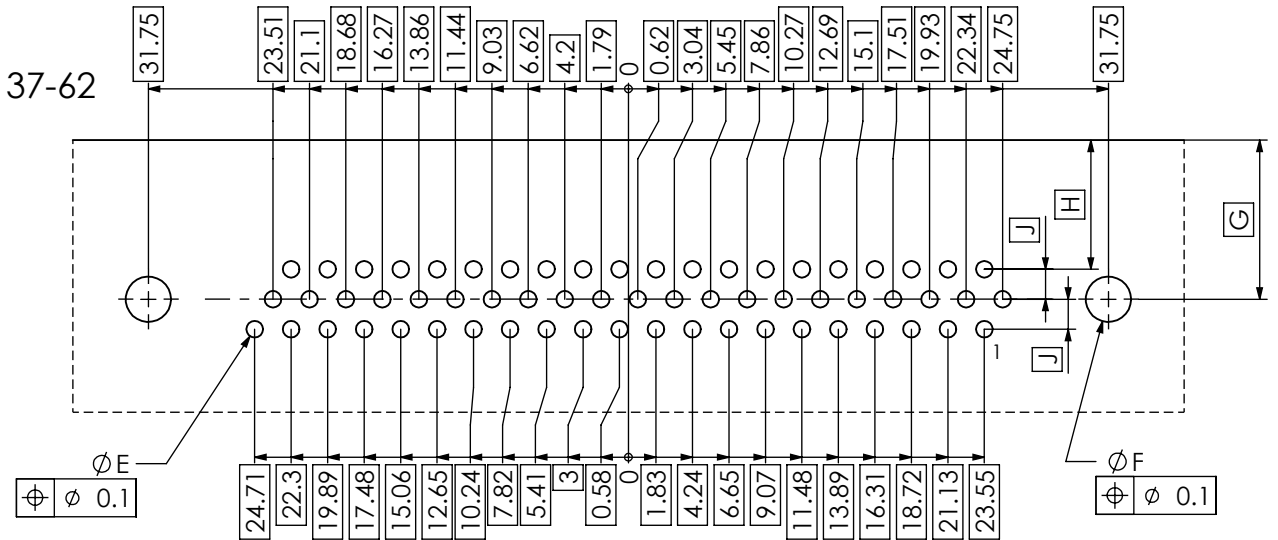
PCB 09-15



PCB 50-78



PCB 37-62



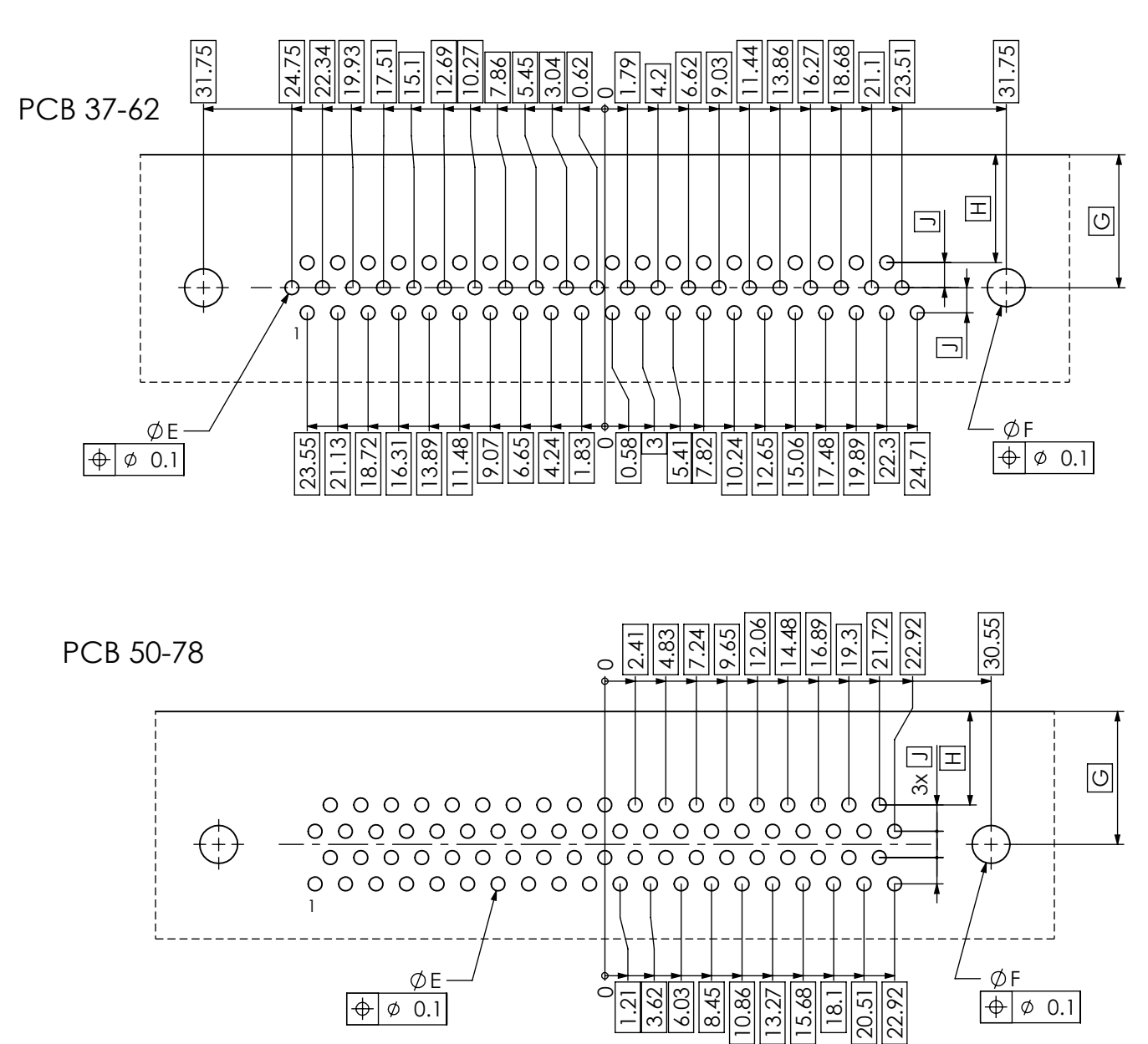
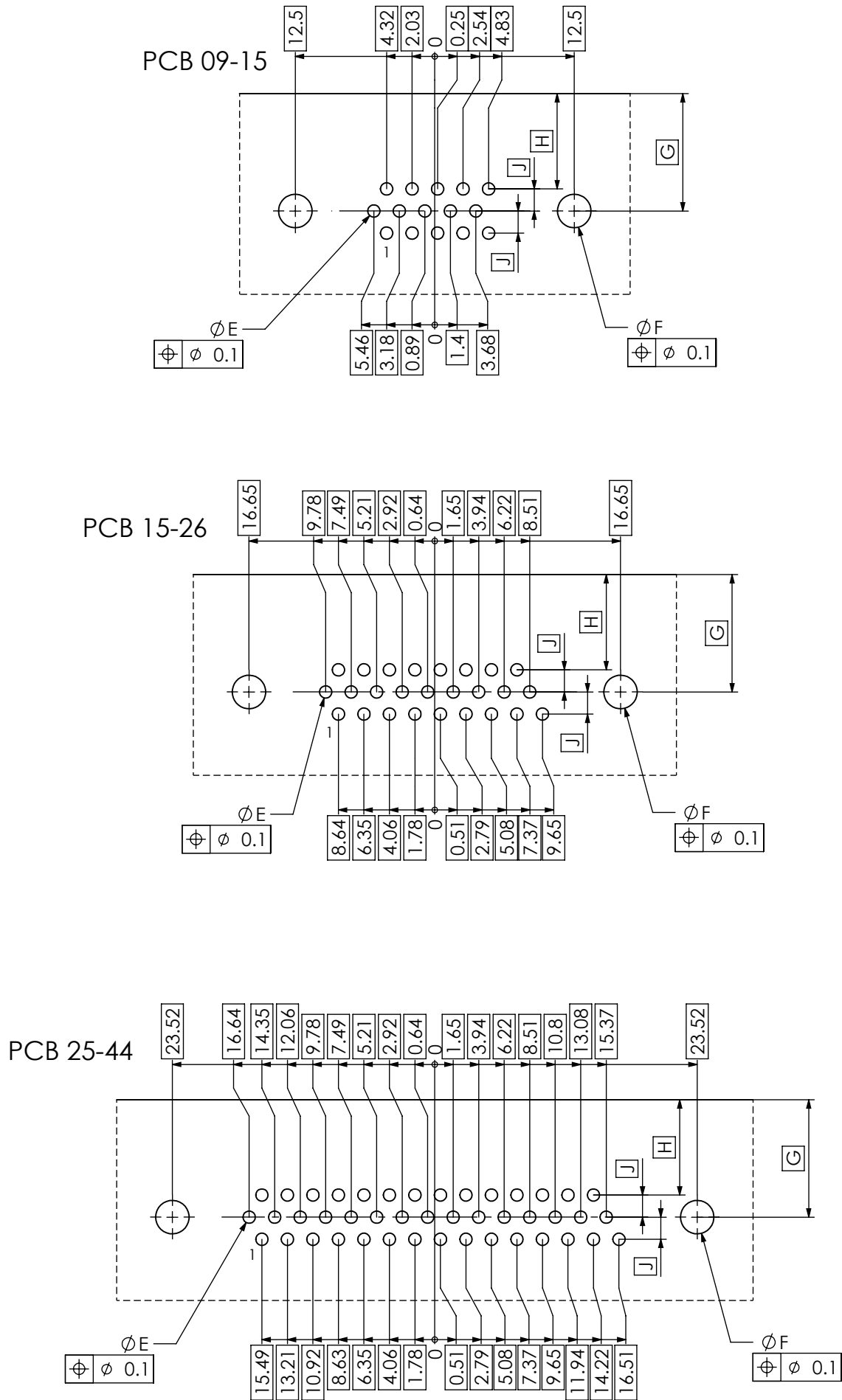
## PCB Hole Pattern for: Pin/Male Connector on page 1 Socket/Female Connector on page 2

View on mounting side

$\phi E$ ,  $\phi F$ , G, H, J see data sheet incl. connector  
 $\phi F$ , G connectors with accessories only

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|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------|----------------------------------------------------------------|----------------|
|                    | DIMENSION UNITS                                                                                                                               | SCALE   | MEASUREMENTS WITHOUT TOLERANCE ACC. TO ISO 2768-m |                                                                |                |
| $\nabla = 0$       | mm                                                                                                                                            | 2:1     |                                                   | PCB Hole Pattern<br>Pin High-Density Connector<br>right angled |                |
| $\nabla = 0$       |                                                                                                                                               |         |                                                   |                                                                |                |
| $\nabla = 0$       |                                                                                                                                               |         |                                                   | PRODUCT CUSTOMER DRAWING                                       |                |
|                    |                                                                                                                                               |         | CURRENT REVISION                                  | MATERIAL NUMBER                                                |                |
|                    |                                                                                                                                               |         | DRWN: DRAWN BY msteinbrueck 07-09-2023            |                                                                |                |
|                    |                                                                                                                                               |         | APPR: APPR BY mteubel 07-09-2023                  |                                                                |                |
|                    |                                                                                                                                               |         | INITIAL REVISION                                  | REVISION                                                       |                |
|                    |                                                                                                                                               |         | DRWN: DRAWN BY msteinbrueck 07-09-2023            |                                                                |                |
|                    |                                                                                                                                               |         | APPR: APPR BY mteubel 07-09-2023                  |                                                                |                |
|                    | 1                                                                                                                                             |         |                                                   | 1                                                              |                |
|                    | REV.                                                                                                                                          | CH.-NO. |                                                   |                                                                |                |
|                    | REPLACEMENT FOR: AM0568_P                                                                                                                     |         | FIRST ANGLE PROJECTION                            | DOCUMENT NUMBER                                                | CUSTOMER       |
|                    |                                                                                                                                               |         |                                                   | AM0568                                                         | GENERAL MARKET |
|                    |                                                                                                                                               |         | DRAWING                                           |                                                                | SHEET NUMBER   |
|                    |                                                                                                                                               |         | A3-SIZE                                           |                                                                | 1 OF 2         |

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## PCB Hole Pattern for: Pin/Male Connector on page 1 Socket/Female Connector on page 2

View on mounting side

ØE, ØF, G, H, J see data sheet incl. connector  
ØF, G connectors with accessories only

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|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------|-------------------------------------------------------------|
|                    | DIMENSION UNITS                                                                                                                               | SCALE   | MEASUREMENTS WITHOUT TOLERANCE ACC. TO |                                                             |
| ▽ = 0              | mm                                                                                                                                            | 2:1     | ISO 2768-m                             |                                                             |
| ▽ = 0              |                                                                                                                                               |         |                                        |                                                             |
| ▽ = 0              |                                                                                                                                               |         |                                        |                                                             |
|                    |                                                                                                                                               |         | CURRENT REVISION                       |                                                             |
|                    |                                                                                                                                               |         | DRWN: DRAWN BY msteinbrueck 07-09-2023 |                                                             |
|                    |                                                                                                                                               |         | APPR: APPR BY mteubel 07-09-2023       |                                                             |
|                    |                                                                                                                                               |         | INITIAL REVISION                       |                                                             |
|                    |                                                                                                                                               |         | DRWN: DRAWN BY msteinbrueck 07-09-2023 |                                                             |
|                    |                                                                                                                                               |         | APPR: APPR BY mteubel 07-09-2023       |                                                             |
|                    | 1                                                                                                                                             |         |                                        |                                                             |
| REV.               | CH.-NO.                                                                                                                                       |         |                                        |                                                             |
| REPLACEMENT FOR:   | FRIST ANGLE PROJECTION                                                                                                                        | DRAWING | DOCUMENT NUMBER                        |                                                             |
| AM0568_S           |                                                                                                                                               | A3-SIZE | AM0568                                 |                                                             |
|                    |                                                                                                                                               |         | CUSTOMER                               |                                                             |
|                    |                                                                                                                                               |         | GENERAL MARKET                         |                                                             |
|                    |                                                                                                                                               |         |                                        | SHEET NUMBER 2 OF 2                                         |
|                    |                                                                                                                                               |         |                                        | REVISION 1                                                  |
|                    |                                                                                                                                               |         |                                        | PRODUCT CUSTOMER DRAWING                                    |
|                    |                                                                                                                                               |         |                                        | PCB Hole Pattern Socket High-Density Connector right angled |
|                    |                                                                                                                                               |         |                                        | molex                                                       |