

REFERENCE SPECIFICATIONS

-NFC 93425 (in compliance with HE 507)

PHYSICAL CHARACTERISTICS

-INSULATOR MATERIAL: THERMOPLASTIC .UL94V0

-ACCESSORIES: BRASS

-SHELLS: STEEL

ELECTRICAL CHARACTERISTICS

-CONTACT/CONTACT : >=1000 V

-CONTACT/GROUND : >=1200 V

-INSULATION RESISTANCE: >=5000 MOhms

ENVIRONMENTAL CHARACTERISTICS

- CLIMATIC CATEGORY: 55/125/21

TEMPERATURE RANGE -55°C TO +125°C

DAMP HEAT STEADY STATE 21 DAYS

SALT SPRAY 24 HOURS

MECHANICAL CHARACTERISTICS

- RETENTION AGAINST TORQUE: - Threaded insert: 0.7 N.m minimum

- Female screw : 0.5 N.m minimum

Series

DBLSW5PA00LF

Shell size: E A B C

see sheet 2

Front accessory definition  
see sheet 2

Blank : Without accessory

L : Threaded insert M3

O : Threaded insert UNC 4-40

V : Female screw UNC 4-40

Layout of contacts (see sheet 3)

Contacts

P :Pin

PCB accessory definition

A witout accessory on PCB

Power contacts

00 without power contact

See note RoHS

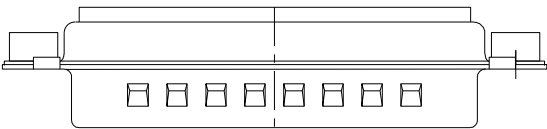
NOTE RoHS INFORMATION

- The "LF" products meet european union Directives and other country regulations as described in GS-22-008.

- Shell plating :2 to 4 µm Cu + Ni + 3 to 10 µmm Sn(pure bright)

- Accessories: Sn pure bright + nickel

- Packaging spec: See GS-14-920



| rev | ecn no    | dr  | date       |
|-----|-----------|-----|------------|
| A   | LS05-0113 | MPE | 2005-11-28 |
| B   | LS06-0208 | LGO | 2006-12-13 |
| C   | LS07-0273 | MPE | 2007-11-05 |
| D   | F09-0076  | LSA | 2009-08-20 |
| E   | F10-0017  | LSA | 2010-03-10 |
| -   | -         | -   | -          |
| -   | -         | -   | -          |

|                    |          |            |                                       |        |                          |               |                 |              |
|--------------------|----------|------------|---------------------------------------|--------|--------------------------|---------------|-----------------|--------------|
| www.fciconnect.com |          |            | surface<br>ISO 1302                   | -      | tolerance std<br>ISO 406 | ISO 1101      | projection<br>⊕ | mm           |
| Dr                 | M PESSON | 2005-10-11 | TOLERANCES UNLESS OTHERWISE SPECIFIED |        |                          |               | size            | Scale        |
| Eng                | P LEGARE | 2005-10-11 | ANGULAR                               | LINEAR | 0.X                      | ±0.3          | A2              | 2:1          |
| Chr                |          |            | 0°                                    | ±2°    | 0.XX                     | ±0.1          | ECN             | F09-0076     |
| Appr               |          |            | 0.XXX                                 | ±0.05  | Product family           |               |                 |              |
|                    |          |            |                                       |        |                          |               | -               | Spec ref     |
| FCI                |          |            | title                                 |        |                          | dwg no        | Rev.            |              |
|                    |          |            | SUB MALE DW                           |        |                          | C01-8639-2315 | E               |              |
|                    |          |            | full power without contact            |        |                          |               |                 |              |
|                    |          |            | catalog no                            |        |                          | -             | CUSTOMER        | sheet 1 of 4 |

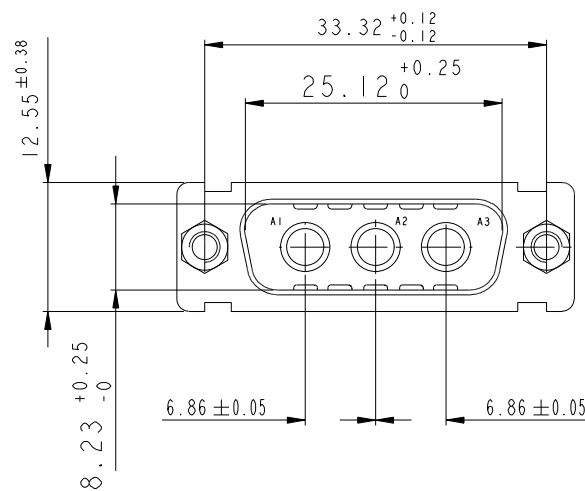
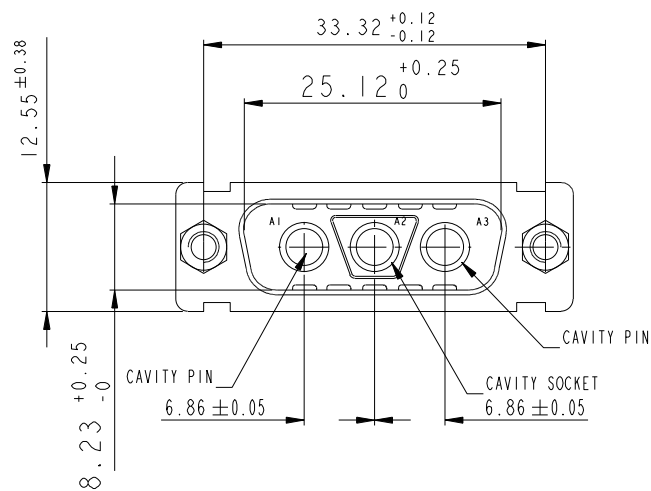
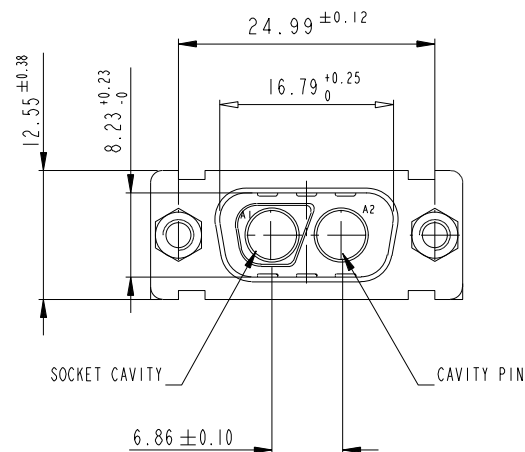


|                                                                                       |          |            |                                       |        |       |  |                                   |          |                                                                                                     |              |                                                                                       |  |
|---------------------------------------------------------------------------------------|----------|------------|---------------------------------------|--------|-------|--|-----------------------------------|----------|-----------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------|--|
| www.fciconnect.com                                                                    |          |            | surface<br>ISO 1302                   |        | - ✓   |  | tolerance std<br>ISO 406 ISO 1101 |          | projection<br> |              |  |  |
|                                                                                       |          |            | TOLERANCES UNLESS OTHERWISE SPECIFIED |        |       |  |                                   |          |                                                                                                     |              |                                                                                       |  |
| Dr                                                                                    | M PESSON | 2005-10-11 | ANGULAR                               | LINEAR | 0.X   |  | ±0.3                              |          | size<br>A2                                                                                          | Scale<br>2:1 |                                                                                       |  |
| Eng                                                                                   | P LEGARE | 2005-10-11 |                                       |        | 0.XX  |  | ±0.1                              |          |                                                                                                     |              |                                                                                       |  |
| Chr                                                                                   |          |            |                                       |        | 0.XXX |  | ±0.05                             |          |                                                                                                     |              |                                                                                       |  |
| Appr                                                                                  |          |            | 0°                                    | ±2°    | ECN   |  |                                   |          | F09-0076                                                                                            |              |                                                                                       |  |
|                                                                                       |          |            | Product family                        |        |       |  |                                   |          | -                                                                                                   | Spec ref     |                                                                                       |  |
|  |          |            | title<br>SUB MALE DW                  |        |       |  | dwg no<br>C01-8639-2315           |          |                                                                                                     |              | Rev.<br>E                                                                             |  |
|                                                                                       |          |            | full power without contact            |        |       |  |                                   |          |                                                                                                     |              |                                                                                       |  |
|                                                                                       |          |            | catalog no                            |        |       |  | -                                 | CUSTOMER |                                                                                                     |              | sheet 2 of 4                                                                          |  |

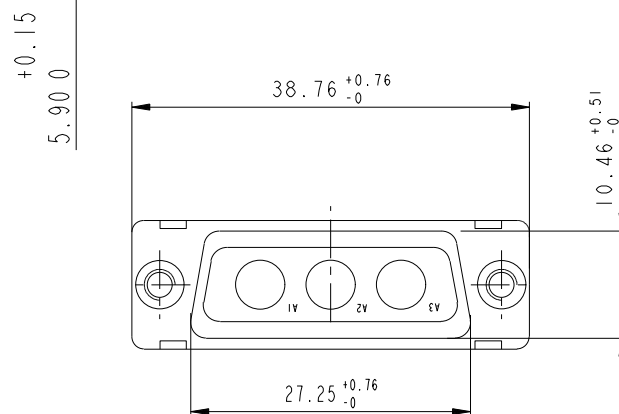
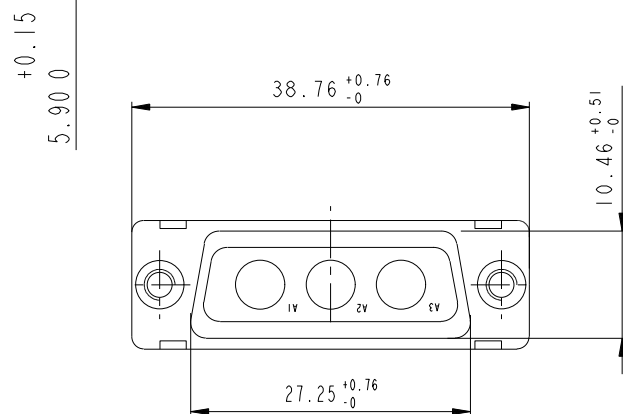
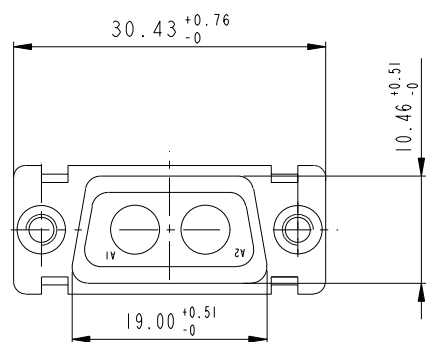
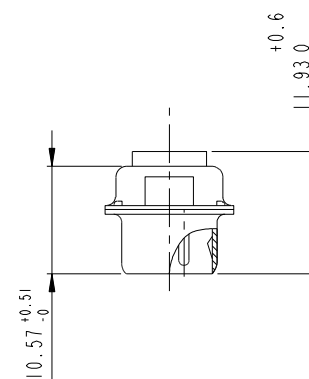
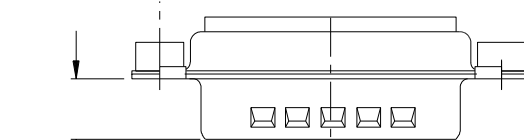
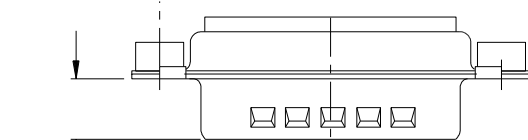
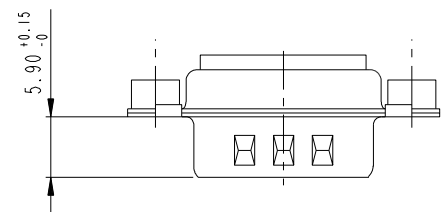
2V2

3V3

3W3

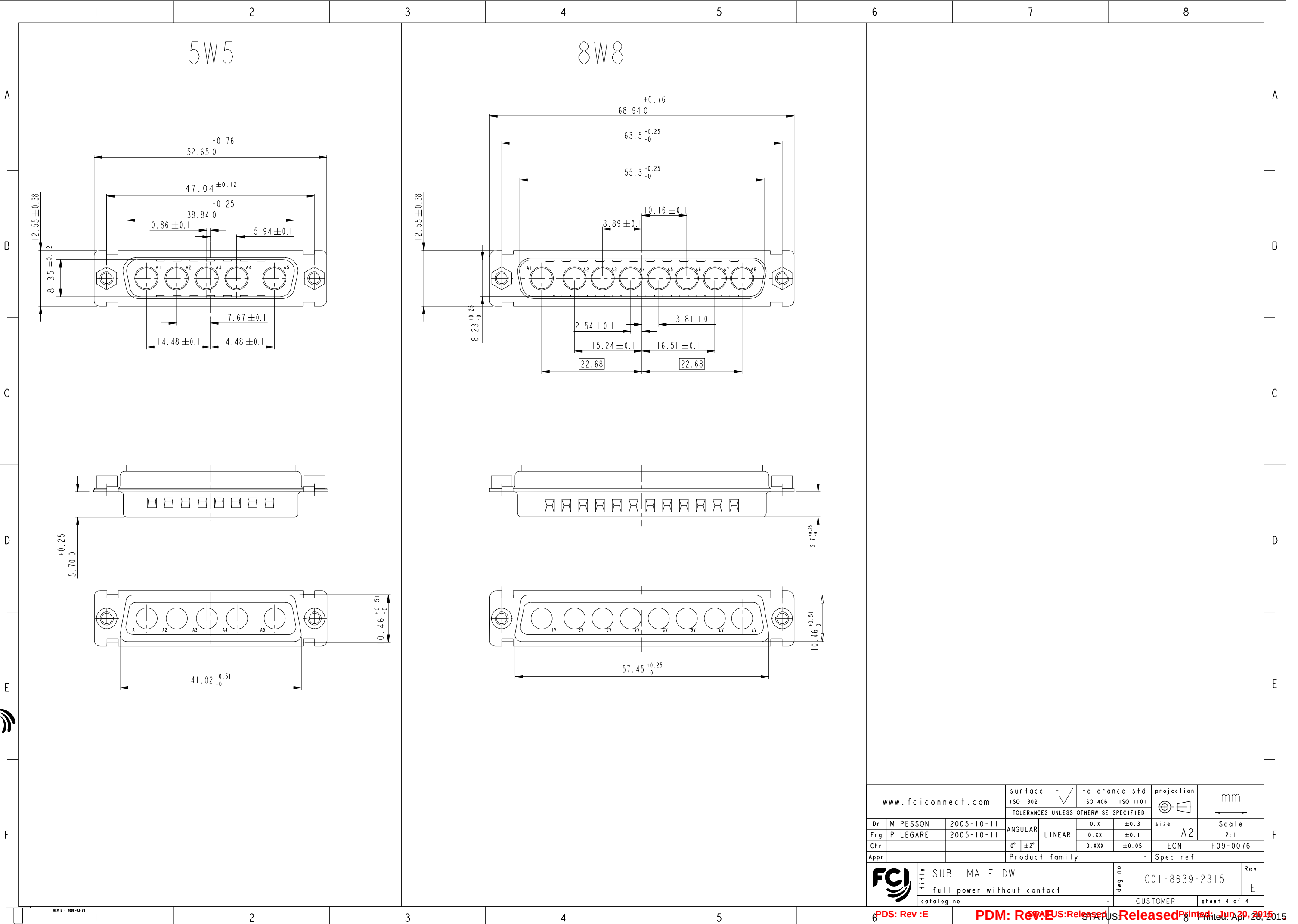


SIDE VIEW FOR  
LAYOUTS: E A B C



Copyright FCI.

|                                                                                       |          |            |                                                                                                 |        |                                            |       |                                                                                                     |              |                                                                                             |  |  |
|---------------------------------------------------------------------------------------|----------|------------|-------------------------------------------------------------------------------------------------|--------|--------------------------------------------|-------|-----------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------|--|--|
| www.fciconnect.com                                                                    |          |            | surface -  |        | tolerance std<br>ISO 1302 ISO 406 ISO 1101 |       | projection<br> |              | mm<br> |  |  |
|                                                                                       |          |            | TOLERANCES UNLESS OTHERWISE SPECIFIED                                                           |        |                                            |       |                                                                                                     |              |                                                                                             |  |  |
| Dr                                                                                    | M PESSON | 2005-10-11 | ANGULAR                                                                                         | LINEAR | 0.X                                        | ±0.3  | size<br>A2                                                                                          | Scale<br>2:1 |                                                                                             |  |  |
| Eng                                                                                   | P LEGARE | 2005-10-11 |                                                                                                 |        | 0.XX                                       | ±0.1  |                                                                                                     |              |                                                                                             |  |  |
| Chr                                                                                   |          |            |                                                                                                 |        | 0.XXX                                      | ±0.05 |                                                                                                     |              |                                                                                             |  |  |
| Appr                                                                                  |          |            | Product family                                                                                  |        |                                            |       | -                                                                                                   | Spec ref     |                                                                                             |  |  |
|  |          |            | title<br>SUB MALE DW                                                                            |        |                                            |       | dwg no<br>C01-8639-2315                                                                             |              | Rev<br>E                                                                                    |  |  |
|                                                                                       |          |            | full power without contact                                                                      |        |                                            |       |                                                                                                     |              |                                                                                             |  |  |
|                                                                                       |          |            | catalog no -                                                                                    |        |                                            |       |                                                                                                     |              |                                                                                             |  |  |
|                                                                                       |          |            |                                                                                                 |        |                                            |       | CUSTOMER                                                                                            |              | sheet 3 of 4                                                                                |  |  |



|                                                                                       |          |            |                                                                                                           |        |                                   |                         |                                                                                                     |              |                                                                                             |  |
|---------------------------------------------------------------------------------------|----------|------------|-----------------------------------------------------------------------------------------------------------|--------|-----------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------|--|
| www.fciconnect.com                                                                    |          |            | surface <br>ISO 1302 |        | tolerance std<br>ISO 406 ISO 1101 |                         | projection<br> |              | mm<br> |  |
|                                                                                       |          |            | TOLERANCES UNLESS OTHERWISE SPECIFIED                                                                     |        |                                   |                         |                                                                                                     |              |                                                                                             |  |
| Dr                                                                                    | M PESSON | 2005-10-11 | ANGULAR                                                                                                   | LINEAR | 0.X ±0.3                          |                         | size<br>A2                                                                                          | Scale<br>2:1 |                                                                                             |  |
| Eng                                                                                   | P LEGARE | 2005-10-11 |                                                                                                           |        | 0.XX ±0.1                         |                         |                                                                                                     |              |                                                                                             |  |
| Chr                                                                                   |          |            |                                                                                                           |        | 0.XXX ±0.05                       |                         |                                                                                                     |              |                                                                                             |  |
| Appr                                                                                  |          |            | 0° ±2°                                                                                                    |        | ECN                               |                         |                                                                                                     | F09-0076     |                                                                                             |  |
|                                                                                       |          |            | Product family                                                                                            |        |                                   |                         | -                                                                                                   |              | Spec ref                                                                                    |  |
|  |          |            | title<br>SUB MALE DW<br>full power without contact                                                        |        |                                   | dwg no<br>C01-8639-2315 |                                                                                                     |              | Rev.<br>E                                                                                   |  |
| catalog no                                                                            |          |            | -                                                                                                         |        |                                   | CUSTOMER                |                                                                                                     |              | sheet 4 of 4                                                                                |  |