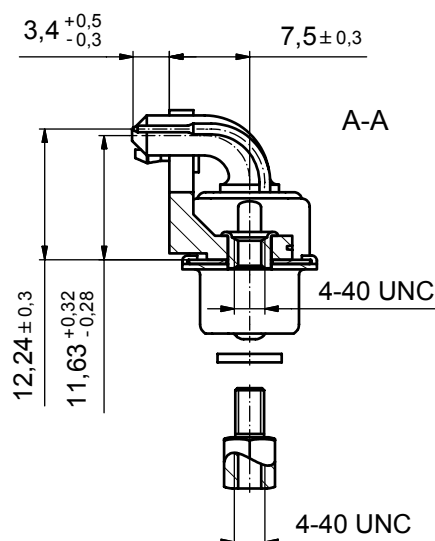
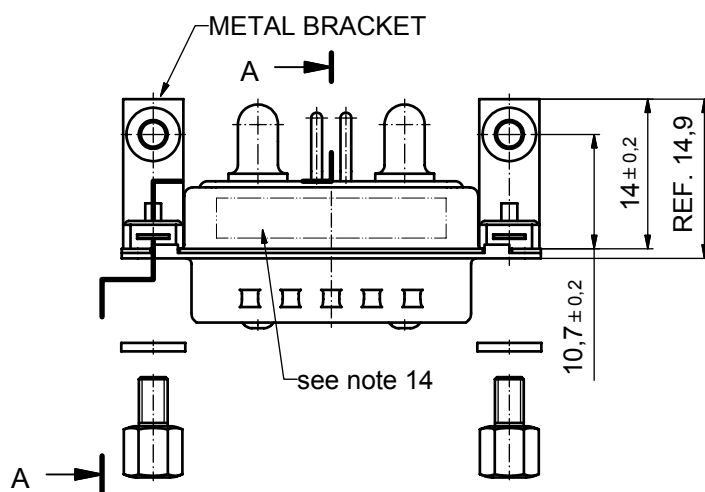
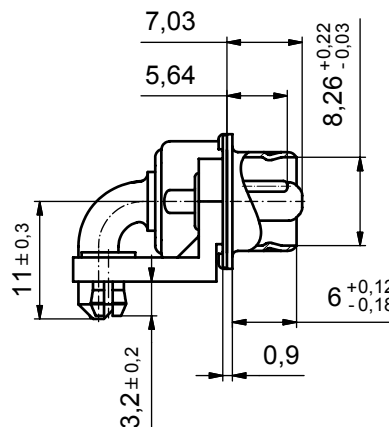
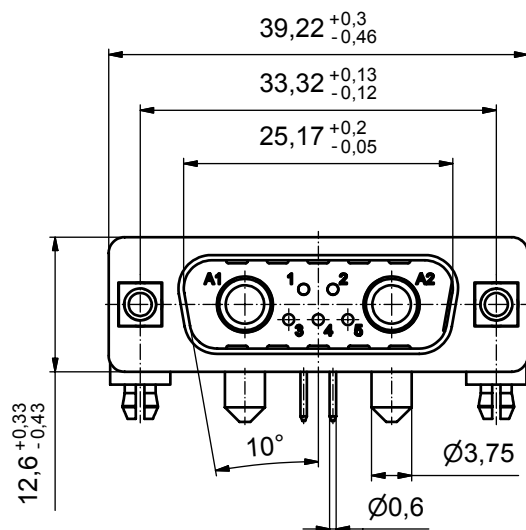
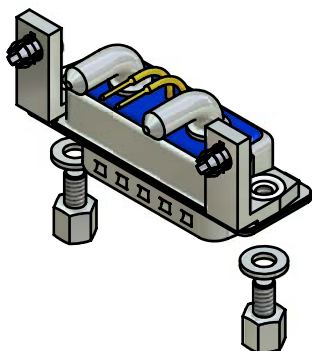




#### NOTES:

- METALSHELLS: STEEL; min. 315µin TIN over 40-80µin NICKEL
- INSULATORS: HIGH TEMPERATURE PLASTIC UL 94 V-0, BLACK
- HIGH POWER CONTACTS 40A: COPPER ALLOY  
PLATING MATING AREA: 30µin HARD GOLD over min. 50µin NICKEL  
PLATING TERMINATION SIDE: 160-240µin TIN over 80µin NICKEL  
MALE CONTACT ON POS. A1 and A2
- SIGNAL CONTACTS: COPPER ALLOY; 7,5A nominal  
PLATING MATING AREA: 30µin HARD GOLD over min. 50µin NICKEL  
MALE CONTACTS ON POS. 1 and 2, NO CONTACTS ON POS. 3, 4, 5
- METAL BRACKET: ZINC DIE CAST; 30µin COPPER/40-120µin NICKEL/120-200µin TIN
- THREADED INSERT: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
- HEX BOLT: STEEL; NICKEL PLATED
- WASHER: STEEL; NICKEL PLATED
- PCB-SNAP: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL  
PCB-HOLE:  $\phi 3,1 \pm 0,1$ mm; PCB-THICKNESS: 1,6mm
- P.C.B. HOLE DRILLINGS ON SHEET 2
- CAPACITANCE:  
HIGH POWER CONTACTS ARE FILTERED WITH 54nF  $\pm 20\%$   
SIGNAL CONTACTS NOT FILTERED
- DIELECTRIC WITHSTANDING VOLTAGE: 1000 VDC
- MAXIMUM TORQUE VALUE FOR THREAD: 6" LBS
- CONNECTOR IS PART MARKED: 24-000101 CONEC ABC



Directive 2002/95/EC  
„RoHS“  
Compliant

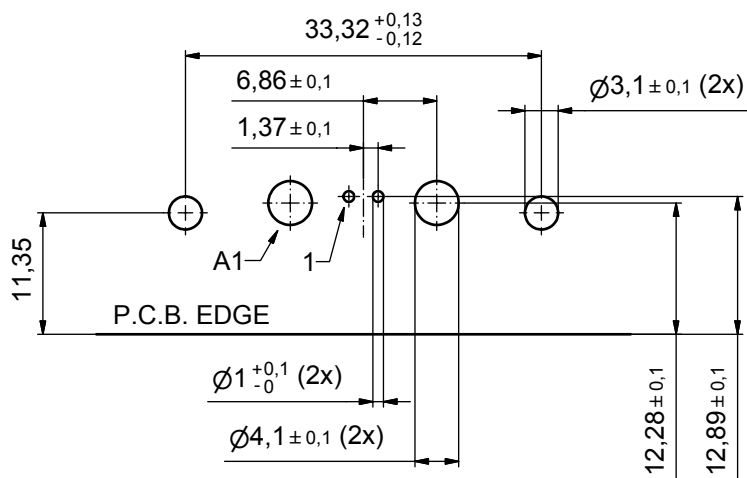
|                                                           |        |
|-----------------------------------------------------------|--------|
| APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL |        |
| CUSTOMER APPROVAL DATE:                                   |        |
| NAME:                                                     | TITLE: |
| COMPANY NAME:                                             |        |
| APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL |        |

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|                      |             |  |      |                                                                                      |          |                                                                                                     |  |
|----------------------|-------------|--|------|--------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------|--|
| finish:<br>see notes |             |  |      | tolerance<br>ISO 2768-m                                                              |          | <br>dim. in mm |  |
|                      |             |  |      |                                                                                      | date     | name                                                                                                |  |
|                      |             |  |      | drawn                                                                                | 14.06.07 | Schmidt                                                                                             |  |
|                      |             |  |      | appd.                                                                                | 14.06.07 | Koch                                                                                                |  |
|                      |             |  |      | norm                                                                                 |          |                                                                                                     |  |
|                      |             |  |      | d-old                                                                                |          |                                                                                                     |  |
|                      |             |  |      |                                                                                      |          |                                                                                                     |  |
| a                    | Origin      |  |      |  |          |                                                                                                     |  |
| rev.                 | description |  | date |                                                                                      |          |                                                                                                     |  |

|                                                                                                                             |             |           |
|-----------------------------------------------------------------------------------------------------------------------------|-------------|-----------|
| title:                                                                                                                      |             | DIN-A3    |
| MicroTCA Single Port 90°<br>Power Module Input Connector Filter Male<br>with threaded insert, metal bracket, snap, hex bolt |             |           |
| dwg no:                                                                                                                     | Inventor 10 | sh: 1     |
| 24K1A1012                                                                                                                   |             |           |
| part no:                                                                                                                    |             | 24-000101 |



|                                                           |        |
|-----------------------------------------------------------|--------|
| APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL |        |
| CUSTOMER APPROVAL DATE:                                   |        |
| NAME:                                                     | TITLE: |
| COMPANY NAME:                                             |        |
| APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL |        |

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| finish:     |             |      |      |
|-------------|-------------|------|------|
| see sheet 1 |             |      |      |
| rev.        | description | date | name |
| a           | Origin      |      |      |

| tolerance      |         |
|----------------|---------|
| ISO 2768-m     |         |
| date           | name    |
| drawn 14.06.07 | Schmidt |
| appd. 14.06.07 | Koch    |
| norm           |         |
| d-old          |         |

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|                               |             |
|-------------------------------|-------------|
| scale: 2:1                    |             |
| material: see sheet 1         |             |
| title:                        |             |
| P.C.B. HOLE DRILLINGS         |             |
| MicroTCA Male Single Port 90° |             |
| Power Module Input Connector  |             |
| dwg no:                       | Inventor 10 |
| 24K1A1012                     |             |
| part no: see sheet 1          |             |
| DIN-A3                        | sh: 2       |

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