



Directive 2002/95/EC  
RoHS  
Compliant

**NOTES:**

1. METALSHELLS: STEEL; min. 315µm TIN over 40-80µm NICKEL
2. INSULATORS: PBT GF UL 94 V-0; GREEN
3. HIGH POWER CONTACTS:  
COPPER ALLOY; min. 24A/pin @30°C TEMPERATURE RISE  
PLATING MATING AREA: 30µm HARD GOLD over min. 50µm NICKEL  
PLATING TERMINATION SIDE: 160-240µm TIN over 80µm NICKEL  
MALE CONTACT ON POS. A1 and A2
4. SIGNAL CONTACTS: COPPER ALLOY; 7,5A nominal  
PLATING MATING AREA: 30µm HARD GOLD over min. 50µm NICKEL  
MALE CONTACTS ON POS. 1 and 2, NO CONTACTS ON POS. 3, 4, 5
5. METAL BRACKET:  
ZINC DIE CAST; 300µm COPPER/40-120µm NICKEL/120-200µm TIN
6. THREADED INSERT: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL
7. PCB-SNAP: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL  
PCB-HOLE:  $\varnothing 3,1 \pm 0,1$ mm; PCB-THICKNESS: 1,6mm
8. MAXIMUM TORQUE VALUE FOR THREAD: 6" LBS
9. CONNECTOR IS PART MARKED: 13-000061 CONEC ABC

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

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|---|-------------|-----------|------------|
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| finish:   | see notes   | tolerance | ISO 2768-m |
| date  | 12.06.07    | name      | Schmidt    |
| drawn   | 12.06.07    | name      | Koch       |
| appd.   |             | norm      |            |
|   |             | d-old     |            |
| a   | Origin      |           |            |
| rev.  | description | date      | name       |

|  |             |
|--|-------------|
| scale: 2:1   |             |
| material: see notes  |             |
| title: <b>MicroTCA Single Port 90°</b><br>48V / 60V Power Module Input Connector Male with threaded insert, metal bracket and snap |             |
| dwg no:  | Inventor 10 |
|  | DIN-A3      |
|  | sh: 1       |
| <b>CONEC</b>   |             |
| part no:   | 13-000061   |

