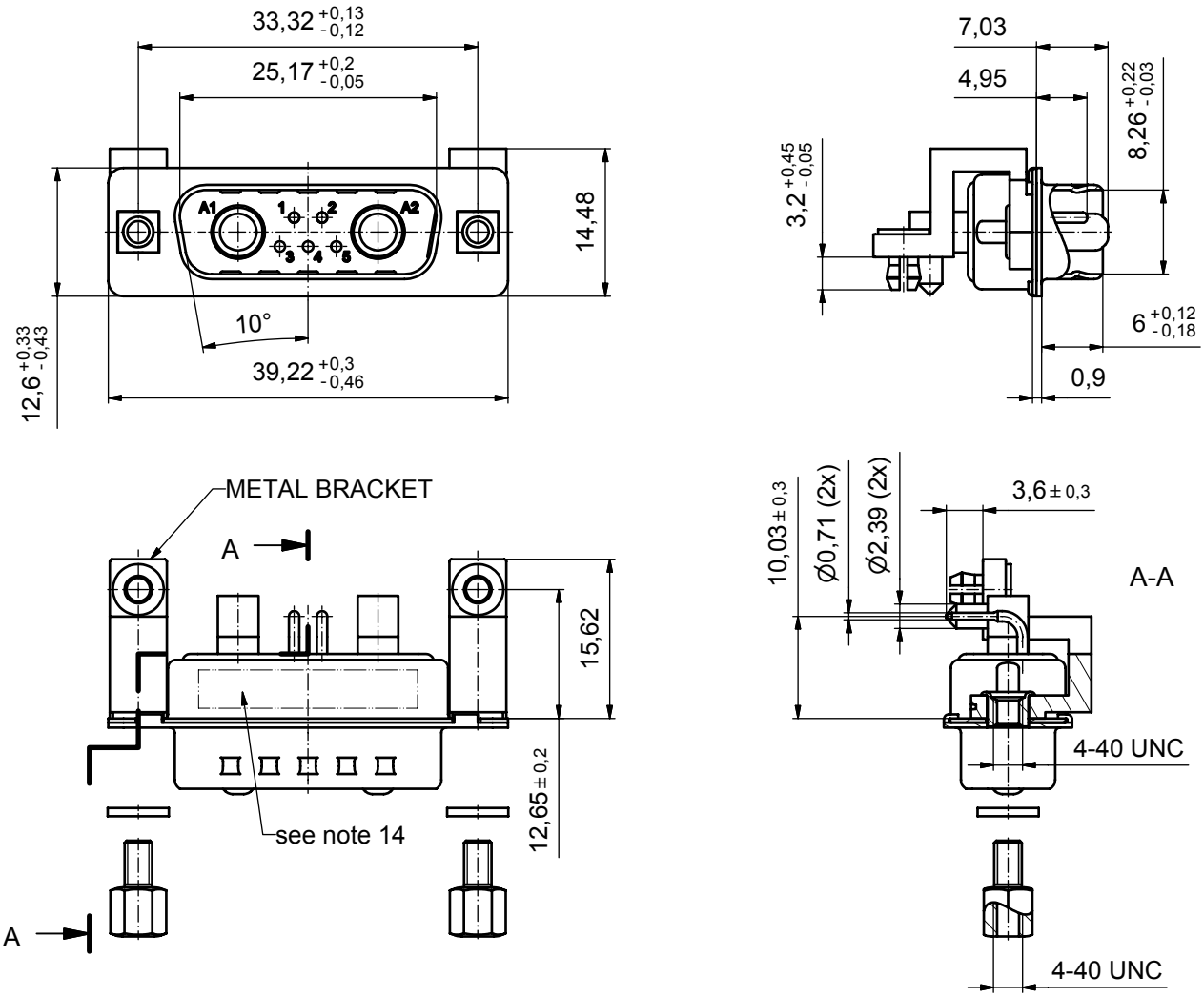
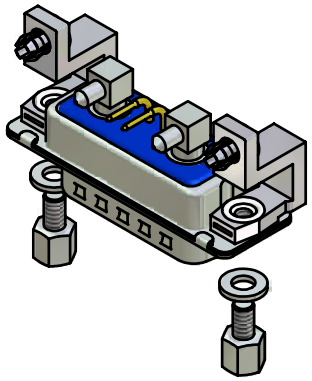


NOTES:

1. METALSHELLS: STEEL; min. 315µin TIN over 40-80µin NICKEL
2. INSULATORS: HIGH TEMERATURE PLASTIC UL 94 V-0, BLACK
3. HIGH POWER CONTACTS: COPPER ALLOY; min. 24A/pin @30°C TEMPERATURE RISE
   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
4. 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
5. METAL BRACKET: ZINC DIE CAST; 300µin COPPER/40-120µin NICKEL/120-200µin TIN
6. THREADED INSERT: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
7. HEX BOLT: STEEL; NICKEL PLATED
8. WASHER: STEEL; NICKEL PLATED
9. PCB-SNAP: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
   PCB-HOLE: ø3,1± 0,1mm; PCB-THICKNESS: 1,6mm
10. P.C.B. HOLE DRILLINGS ON SHEET 2
11. CAPACITANCE:
    HIGH POWER CONTACTS ARE FILTERED WITH 54nF ±20%
    SIGNAL CONTACTS NOT FILTERED
12. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VDC
13. MAXIMUM TORQUE VALUE FOR THREAD: 6" LBS
14. CONNECTOR IS PART MARKED: 24-000061 CONEC ABC



Directive 2002/95/EC „RoHS" Compliant

APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL

CUSTOMER APPROVAL DATE:

NAME: TITLE:

COMPANY NAME:

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rev.	description	date	name
a	Origin		

finish: see notes

tolerance ISO 2768-m

dim. in mm

scale: 2:1

material: see notes

	date	name
drawn	12.06.07	Schmidt
appd.	12.06.07	Koch
norm		
d-old		

title:

MicroTCA Single Port 90°

48V/60V Power Module Input Connector Filter Male with threaded insert, metal bracket, snap, hex bolt

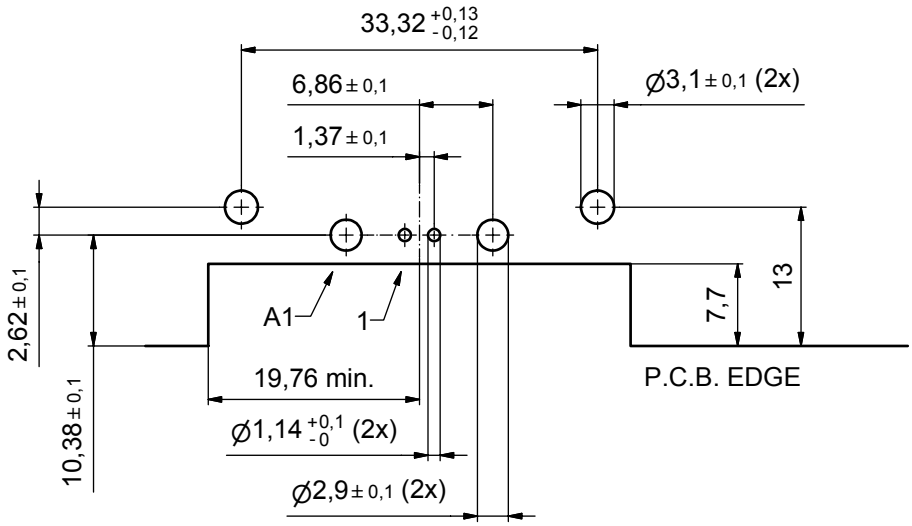
dwg no: 24K1A1010

Inventor 10

DIN-A3

sh: 1

part no: 24-000061



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rev.	description	date	name
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finish: see sheet 1

tolerance ISO 2768-m

dim. in mm

	date	name
drawn	12.06.07	Schmidt
appd.	12.06.07	Koch
norm		
d-old		

scale: 2:1

material: see sheet 1

title:

P.C.B. HOLE DRILLINGS

MicroTCA Male Single Port 90°

48V / 60V Power Module Input Connector Filter

dwg no: Inventor 10

24K1A1010

DIN-A3

sh: 2

part no: see sheet 1