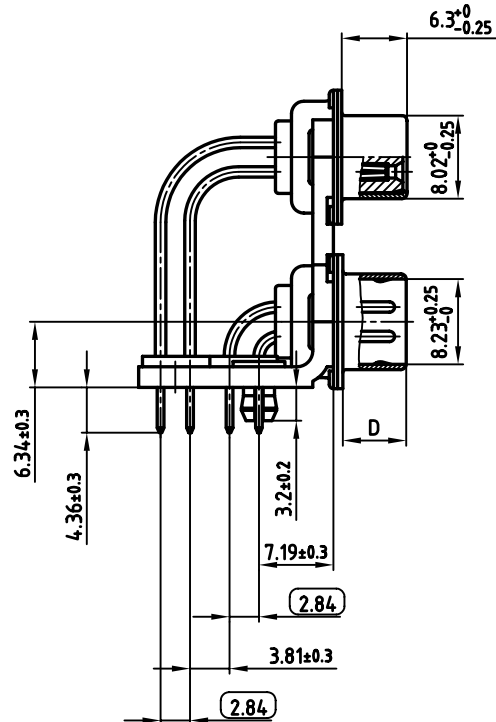
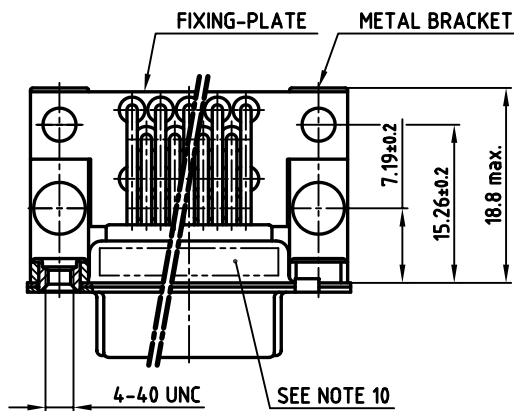
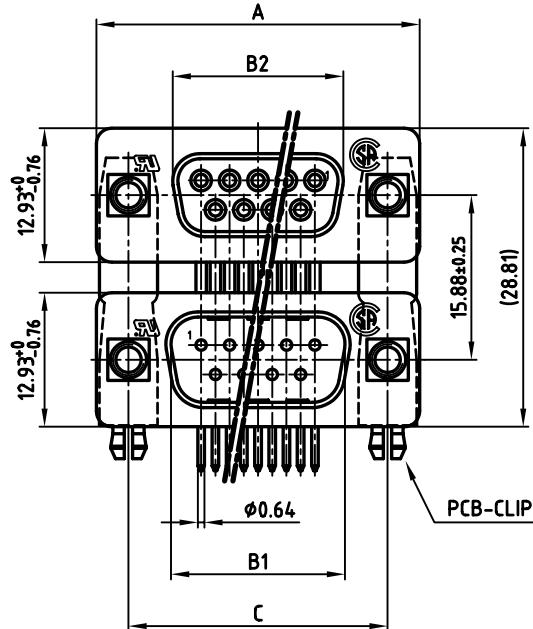


used for: D-SUB Dual Port

POS.	A _{-0.76}	B1 ^{+0.25}	B2 _{-0.25}	C	D _{-0.3}	PART-NO.
2x 9	31.19	16.79	16.46	25.00 ^{+0.12} _{-0.13}	6.12	164A20449X
2x15	39.52	25.12	24.79	33.30 ^{+0.15} _{-0.1}	6.12	164A20459X
2x25	53.42	38.84	38.50	47.04 ^{+0.13}	5.99	164A20469X
2x37	69.70	55.30	54.96	63.50 ^{+0.13}	5.99	164A20479X



NOTES:

- METAL SHELLS: STEEL; min. 320µ" TIN
- INSULATORS: PBT GF UL 94 V-0, BLACK
- CONTACTS: COPPER ALLOY
PLATING: 8µ" HARD GOLD OVER min. 50µ" NICKEL
- METAL BRACKET: STEEL; min. 320µ" TIN over 80µ" NICKEL
- THREADED INSERT: COPPER ALLOY; min. 200µ" TIN over 80µ" NICKEL
- FIXING-PLATE: PBT GF UL 94 V-0, BLACK
- PCB-CLIP: COPPER ALLOY; min. 200µ" TIN over 80µ" NICKEL
PCB-HOLE: $\phi 3.1 \pm 0.1$; PCB THICKNESS 1.6mm
- P.C.B. HOLE DRILLINGS ON SHEET 2 + 3
- MAXIMUM TORQUE VALUE FOR THREAD: 6" LBS
- CONNECTOR IS PART MARKED: PART-NO. CONEC ABC
- = CRITICAL DIMENSION

Directive 2002/95/EC
RoHS
Compliant

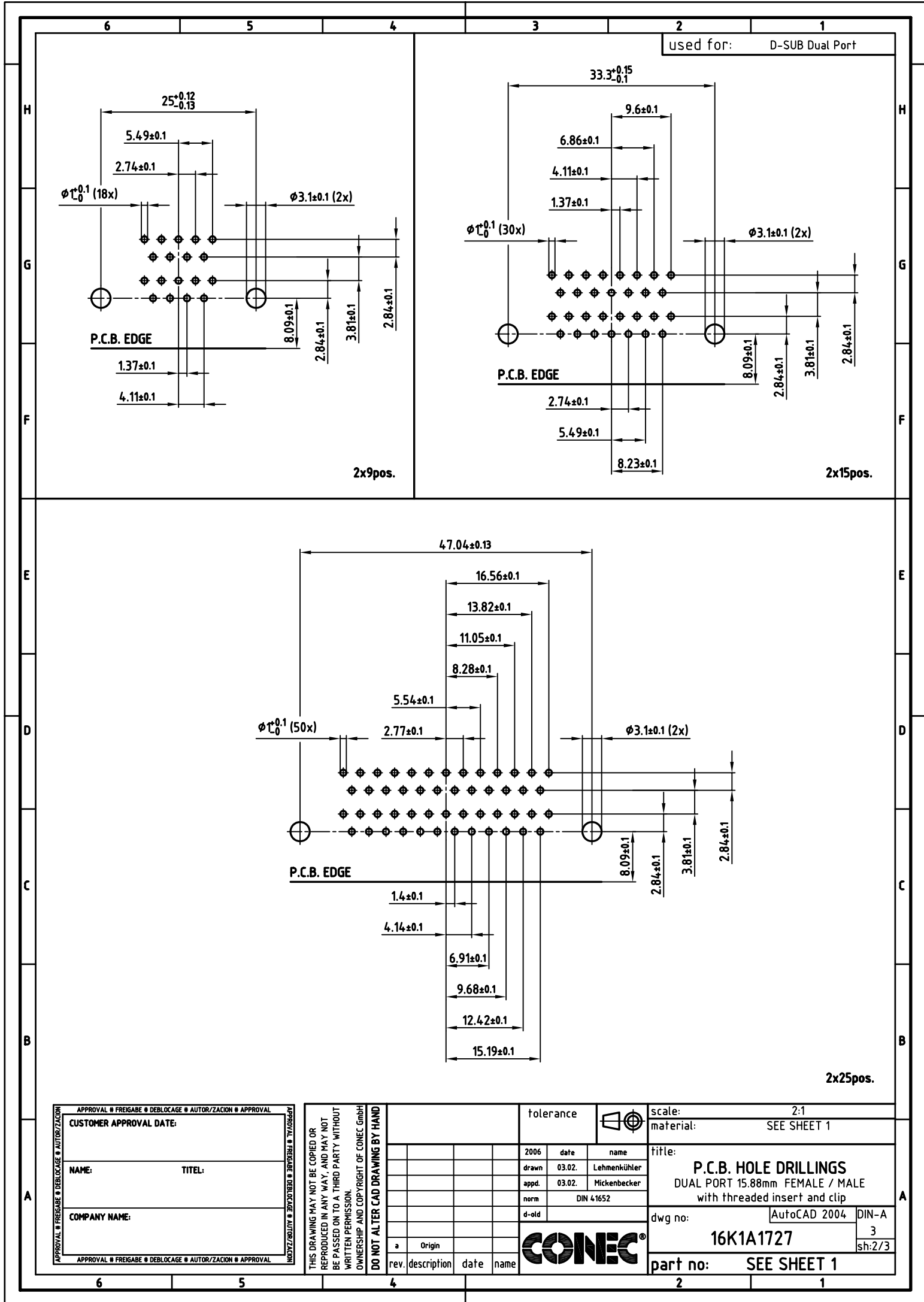
APPROVAL * FREIGABE * DEBLOCAGE * AUTORIZACION * APPROVAL
CUSTOMER APPROVAL DATE:
NAME: TITEL:
COMPANY NAME:
APPROVAL * FREIGABE * DEBLOCAGE * AUTORIZACION * APPROVAL

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rev.	description	date	name
a	Origin		

tolerance	date	name
2006	03.02.	Lehmenkühler
drawn	03.02.	Mickenbecker
appd.		
norm		DIN 41652
d-old		

scale: 2:1
material: SEE NOTES
title: DUAL PORT 15.88mm FEMALE / MALE 2x9pos. - 2x37pos. with threaded insert and clip
dwg no: AutoCAD 2004
16K1A1727
part no: SEE TABLE



4

3

2

1

used for: D-SUB Dual Port

63.5±0.13

24.84±0.1

22.1±0.1

19.33±0.1

16.56±0.1

13.82±0.1

11.05±0.1

8.28±0.1

5.54±0.1

2.77±0.1

 $\phi 1_{-0}^{+0.1}$ (74x) $\phi 3.1 \pm 0.1$ (2x)

P.C.B. EDGE

1.4±0.1

4.14±0.1

6.91±0.1

9.68±0.1

12.42±0.1

15.19±0.1

17.96±0.1

20.7±0.1

23.47±0.1

8.09±0.1

2.84±0.1

3.81±0.1

2.84±0.1

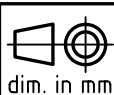
2x37 pos.

APPROVAL * FREIGABE * DEBLOCKAGE * AUTOR/ZACON * APPROVAL	
CUSTOMER APPROVAL DATE:	
NAME:	TITLE:
COMPANY NAME:	
APPROVAL * FREIGABE * DEBLOCKAGE * AUTOR/ZACON * APPROVAL	

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rev.	description	date	name
a	Origin		

tolerance



scale:

2:1

material:

SEE SHEET 1

title:

P.C.B. HOLE DRILLINGS
DUAL PORT 15.88mm FEMALE / MALE
with threaded insert and clip

dwg no:

AutoCAD 2004

DIN-A

16K1A1727

4

sh:3/3

part no:

SEE SHEET 1

4

3

2

1