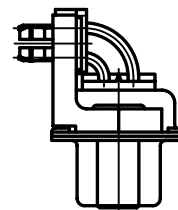
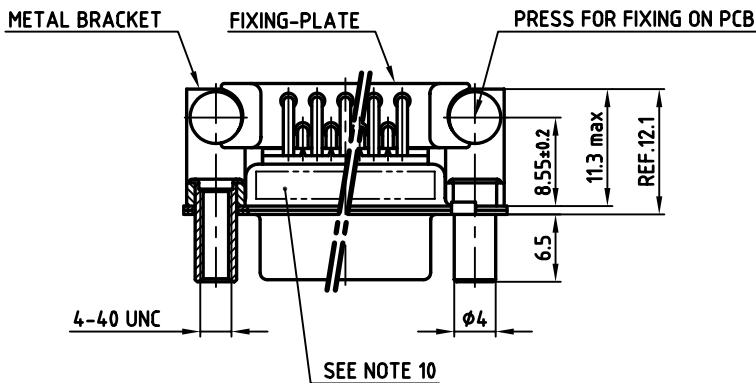
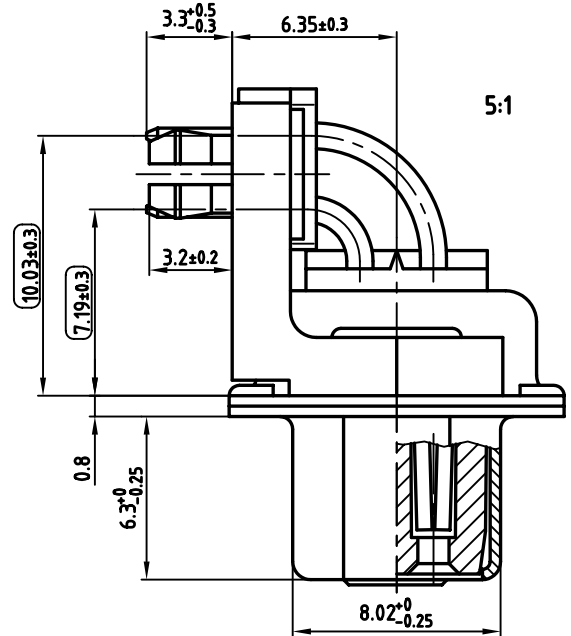
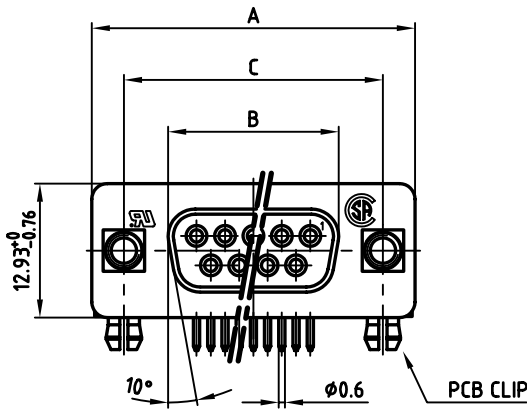


POS.	A ^{-0.76}	B ^{-0.25}	C	PART NO.
9	31.19	16.46	25.00 ^{+0.12} _{-0.13}	164A19039X
15	39.52	24.79	33.30 ^{+0.15} _{-0.1}	164A19049X
25	53.42	38.50	47.04 ^{±0.13}	164A19059X
37	69.70	54.96	63.50 ^{±0.13}	164A19069X

used for: D-SUB



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: DIE-CASTING: min. 320µ" TIN over 80µ" NICKEL
- THREADED LOCK: COPPER ALLOY; min. 200µ" TIN over 80µ" NICKEL
- PCB-SNAP: COPPER ALLOY; min. 200µ" TIN over 80µ" NICKEL
PCB-HOLE: Ø3.1±0.1; PCB THICKNESS 1.6mm
- FIXING-PLATE: PBT GF UL 94 V-0, BLACK
- P.C.B. HOLE DRILLINGS ON SHEET 2
- MAXIMUM TORQUE VALUE FOR THREAD: 6" LBS
- CONNECTOR IS PART MARKED: PART-NO. CONEC ABC
- = CHECK DIMENSION



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CUSTOMER APPROVAL DATE:

NAME: TITLE:

COMPANY NAME:

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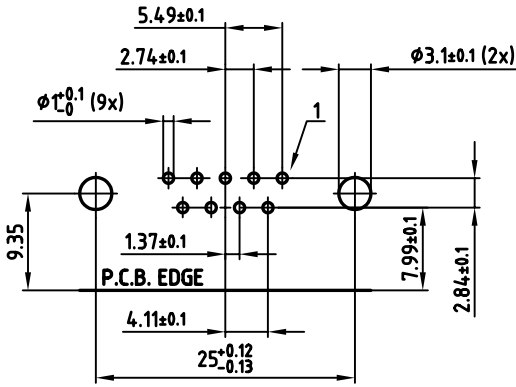
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rev.	description	date	name
a	Origin		

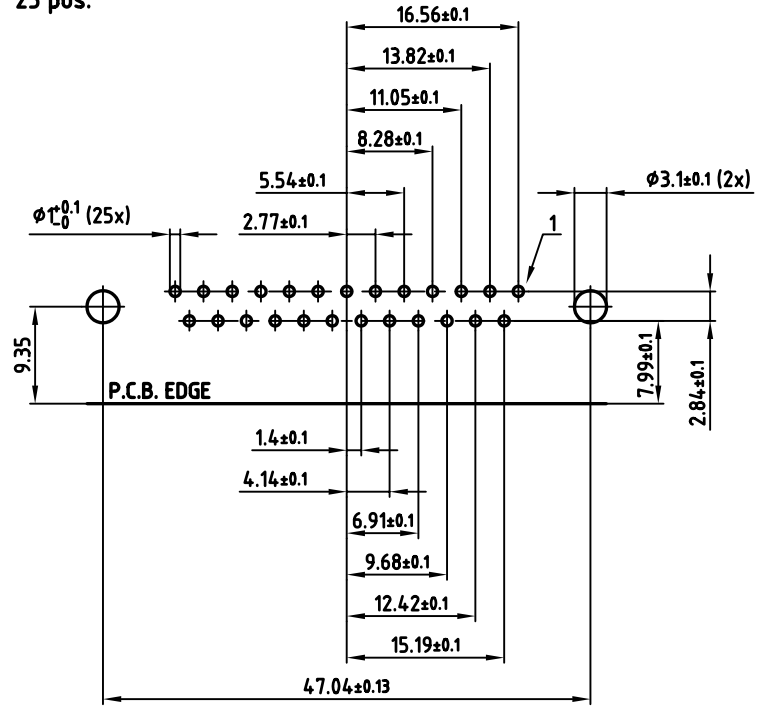
tolerance		scale:	2:1 (5:1)
	dim. in mm	material:	SEE NOTES
2006	date	name	title:
drawn	27.02.	Lehmenkühler	D-SUB FEMALE 90°
appd.	27.02.	Mickenbecker	9-37pos. SOLDER PIN ANGLED
norm	DIN 41652		threaded lock, metal bracket, fixing-plate, clip
d-old			dwg no: AutoCAD 2004 DIN-A
			16K2A1011
			part no: SEE TABLE

dwg no:	AutoCAD 2004	DIN-A
		3
		sh:1/2

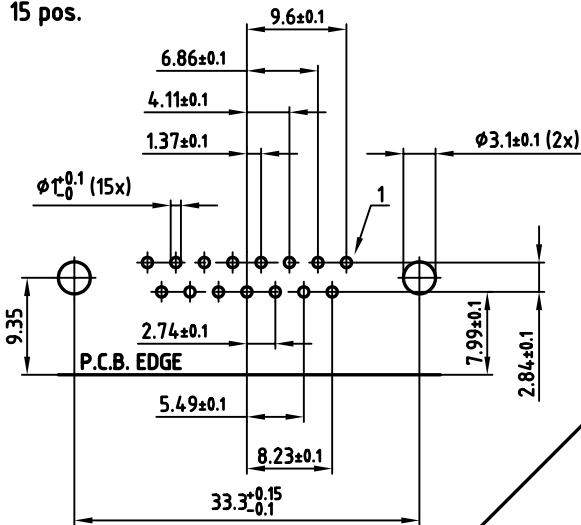
9 pos.



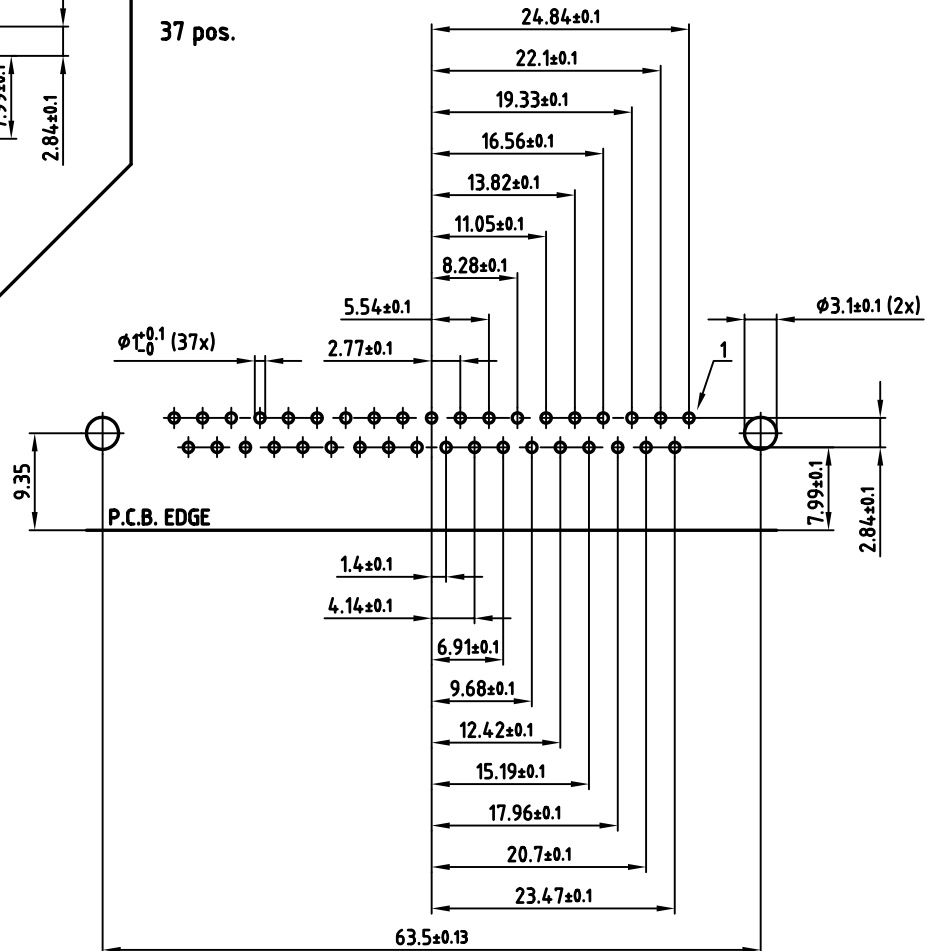
25 pos.



15 pos.



37 pos.



used for: D-SUB

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CUSTOMER APPROVAL DATE:

NAME: TITLE:

COMPANY NAME:

APPROVAL * FREIGABE * DEBLOCAGE * AUTORIZACION * APPROVAL

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rev.	description	date	name
a	Origin		

tolerance		scale:	2:1
	dim. in mm	material:	SEE SHEET 1
2006	date	name	
drawn	27.02.	Lehnenkühler	
appd.	27.02.	Mickenbecker	
norm	DIN 41652		
d-old			
		dwg no:	AutoCAD 2004
			DIN-A
			3
			sh:2/2

title: P.C.B. HOLE DRILLINGS
D-SUB FEMALE 90° 9-37pos. ANGLED
threaded lock, metal bracket, fixing-plate, clip

16K2A1011

part no: SEE SHEET 1