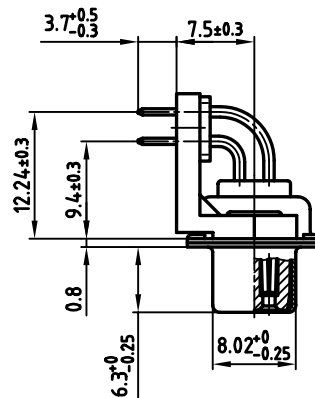
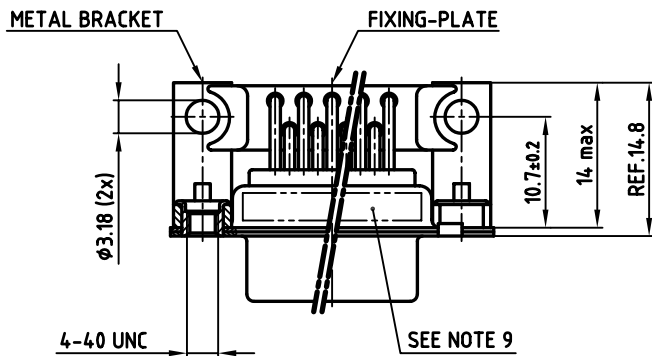
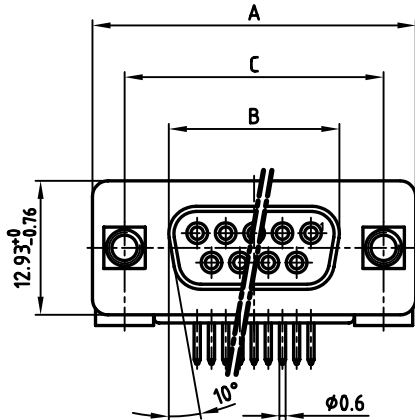


used for: D-SUB

POS.	A -0.76	B -0.25	C	PART NO.
9	31.19	16.46	25.00 $\begin{smallmatrix} +0.12 \\ -0.13 \end{smallmatrix}$	164A10969X
15	39.52	24.79	33.30 $\begin{smallmatrix} +0.15 \\ -0.1 \end{smallmatrix}$	164A10979X
25	53.42	38.50	47.04 $\pm 0.13$	164A10989X
37	69.70	54.96	63.50 $\pm 0.13$	164A10999X



**NOTES:**

- METALSHELLS: STEEL; min. 315µin TIN over 40-80µin NICKEL
- INSULATORS: PBT GF UL 94 V-0, BLACK
- CONTACTS: COPPER ALLOY  
PLATING: 8µin HARD GOLD OVER min. 50µin NICKEL
- METAL BRACKET: ZINC DIE CAST; 300µin COPPER/40-120µin NICKEL/120-200µin TIN
- THREADED INSERT: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
- FIXING-PLATE: PBT GF UL 94 V-0, BLACK
- P.C.B. HOLE DRILLINGS ON SHEET 2
- MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
- CONNECTOR IS PART MARKED: PART-NO. CONEC ABC



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

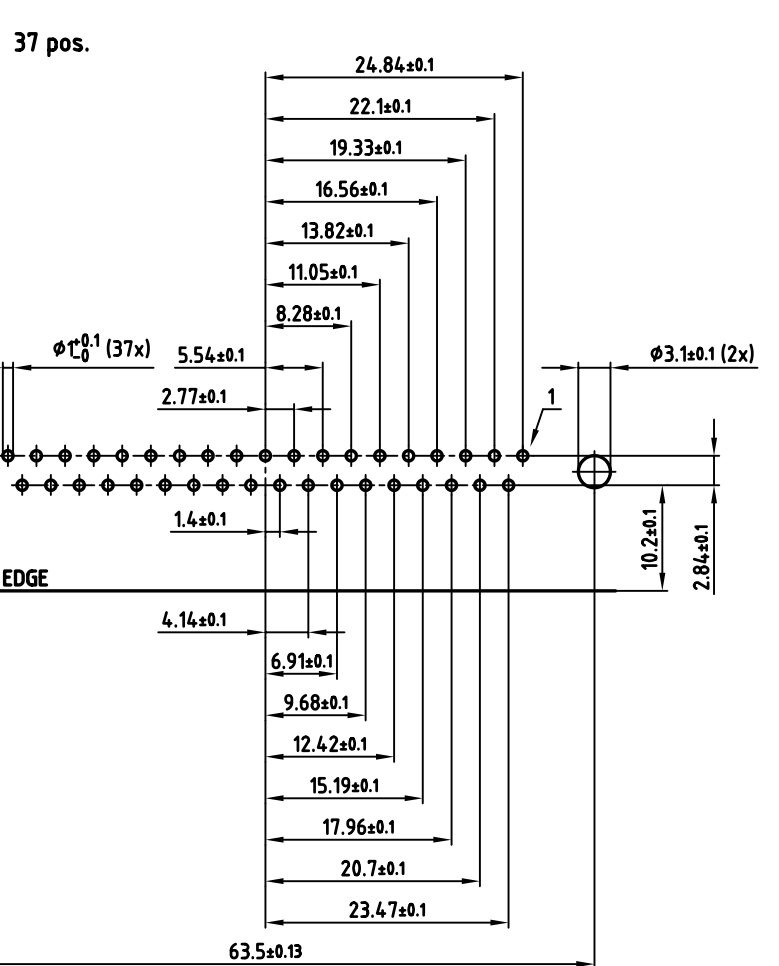
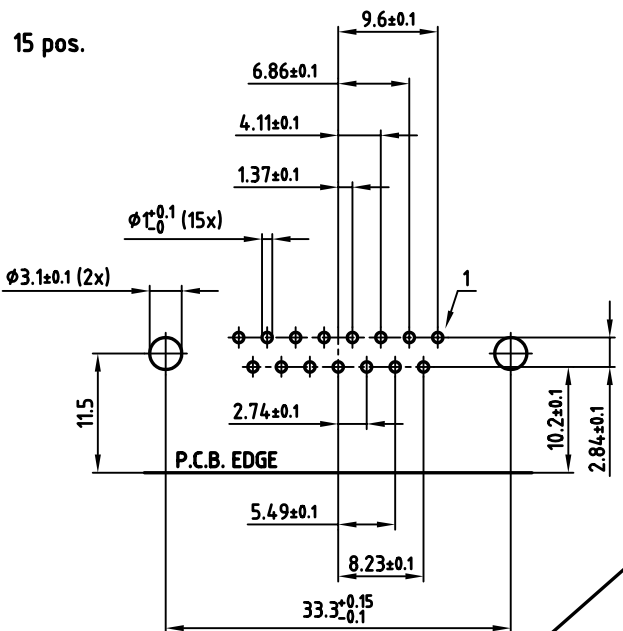
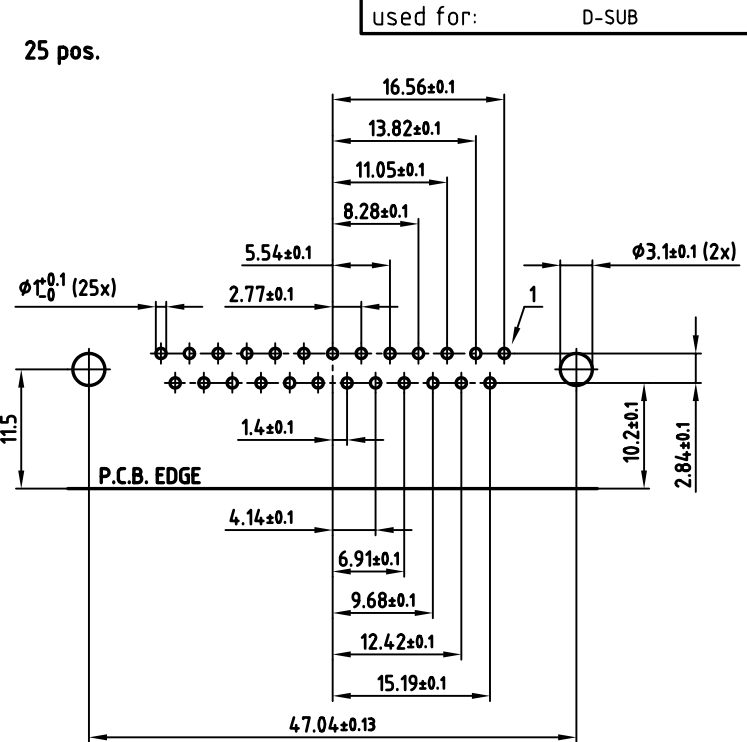
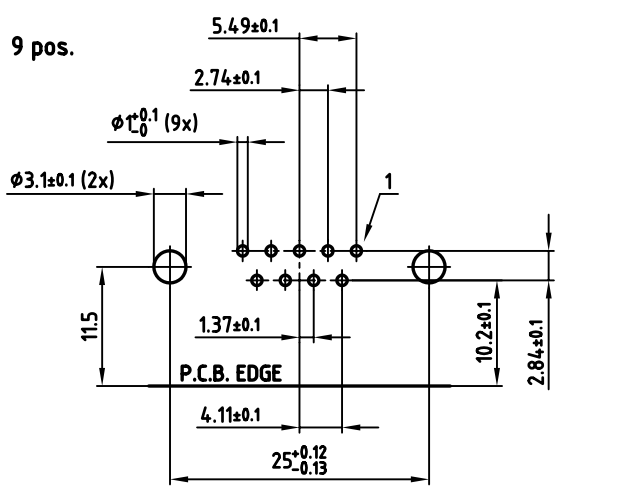
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rev.	description	date	name
a	Origin		

tolerance	
scale:	2:1
material:	SEE NOTES
title:	<b>D-SUB FEMALE 90°</b> 9-37pos. 0.370inch threaded insert, metal bracket, fixing-plate
dwg no:	AutoCAD 2006 <b>16K1A1978</b>
part no:	SEE TABLE

norm	DIN 41652
d-old	
dwg no:	AutoCAD 2006 <b>16K1A1978</b>
DIN-A	3
sh:	1/2





APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL

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

material: SEE SHEET 1

title: P.C.B. HOLE DRILLINGS  
D-SUB FEMALE 90° 9-37pos. 0.370inch threaded insert, metal bracket, fixing-plate

dwg no: AutoCAD 2006 DIN-A 3 sh:2/2

part no: SEE SHEET 1

