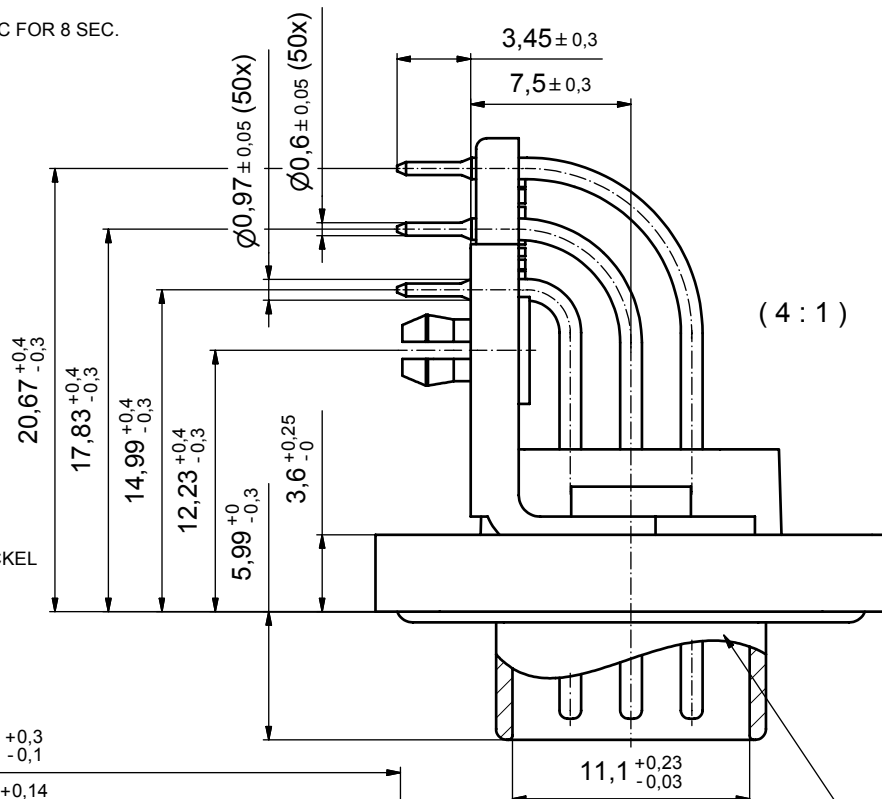
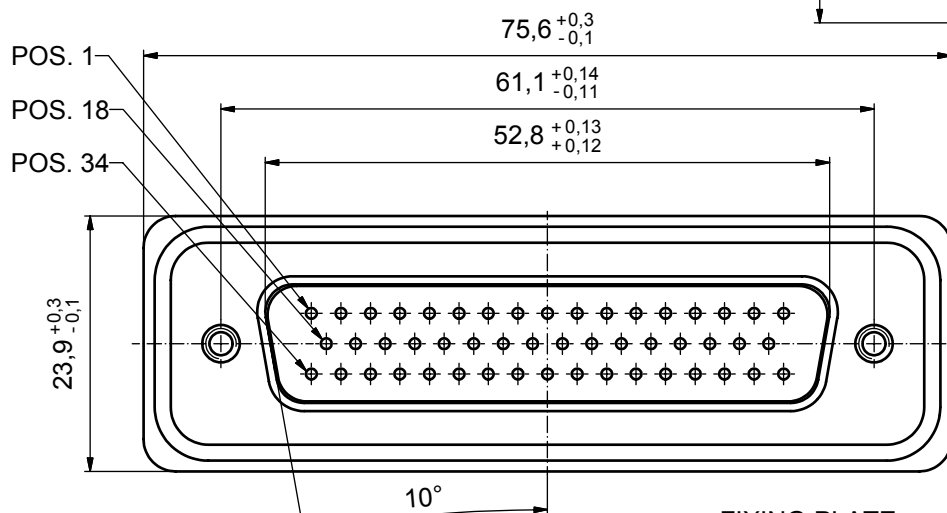
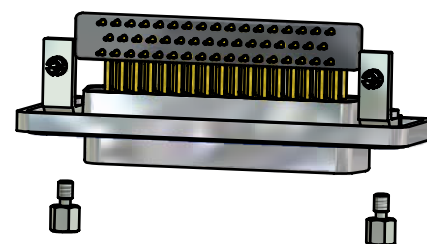


NOTES:

1. FOR WAVESOLDERING (SOLDER BATH TEMPERATURE 265°C FOR 8 SEC.
AND SOLDER PREHEAT 150°C FOR 180 SEC.)
2. IP RATING: IP 67
3. SEALED TO WITHSTAND PRESSURE UP TO 1,45 PSI
FOR 30 MINUTES
AFTER HIGH TEMPERATURE EXPOSURE
4. METAL SHELL:
- ZINC DIE CAST; min. 50µin NICKEL PLATING over COPPER
5. INSULATORS: PBT GF UL 94 V-0, BLACK
6. O-RING: SILICONE PER ASTM D2000 70 SHORE A
7. RUBBER GASKET: TPE
8. SEALING COMPOUND: EPOXY RESIN UL 94 V-0; BLACK
9. CONTACTS: COPPER ALLOY; PLATING (SEE PART NO):
- PLEASE ADD 1 for 30µin HARD GOLD
 over min. 50µin NICKEL
- PLEASE ADD 3 for 8µin HARD GOLD
 over min. 50µin NICKEL
10. METAL BRACKETS: ZINC DIE CAST;
 300µin COPPER/40-120µin NICKEL/120-200µin TIN
11. WASHERS: COPPER ALLOY; 80µin NICKEL
12. HEXLOCKING SCREWS: STAINLESS STEEL
13. FIXING PLATE: PBT GF UL 94 V-0, BLACK
14. PCB-SNAPS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
PCB-HOLE: $\varnothing 3.1 \pm 0.1$; PCB THICKNESS 1.6mm
15. P.C.B. HOLE DRILLINGS and
RECOMMENDED PANEL CUT-OUT ON SHEET 2
16. RECOMMENDED TORQUE FOR MOUNTING SCREW
35Ncm (3.1 in.LB) / max.67Ncm (6 in.LB)
17. CONNECTOR IS PART MARKED: 15-00215 CONEC ABC
- 20,67^{+0,4}_{-0,3}
17,83^{+0,4}_{-0,3}



RUBBER GASKET
PLACED ON TOP SURFACE
OF MALE INSULATOR



METAL BRACKET-

—PRESS FOR FIXING ON PCB

—FIXING PLATE
(glued)

PCB SNAP

O-RING-

15-00215 CONEC ABC

4-40 UNC

9.

—see note 17

AT ALL TIMES WATER RESISTANT CONNECTORS
NOT IN USE SHOULD BE COVERED
WITH A CONEC WATER RESISTANT CAP
OR WATER TIGHT HOOD.

4-40 UNC

SW 4,8

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

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DO NOT ALTER CAD DRAWING BY HAND

a	Origin		
row	description	date	name

tolerance



dim. in mm

scale:

2:1 (4:1)

material:

see notes

title:	
--------	--

D-SUB MALE 90°
50pos. SOLDER PIN ANGLED
Bracket, hexlocking screw, snap, fixing plate

dwg no:

Inventor 10

DIN-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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15K1A472

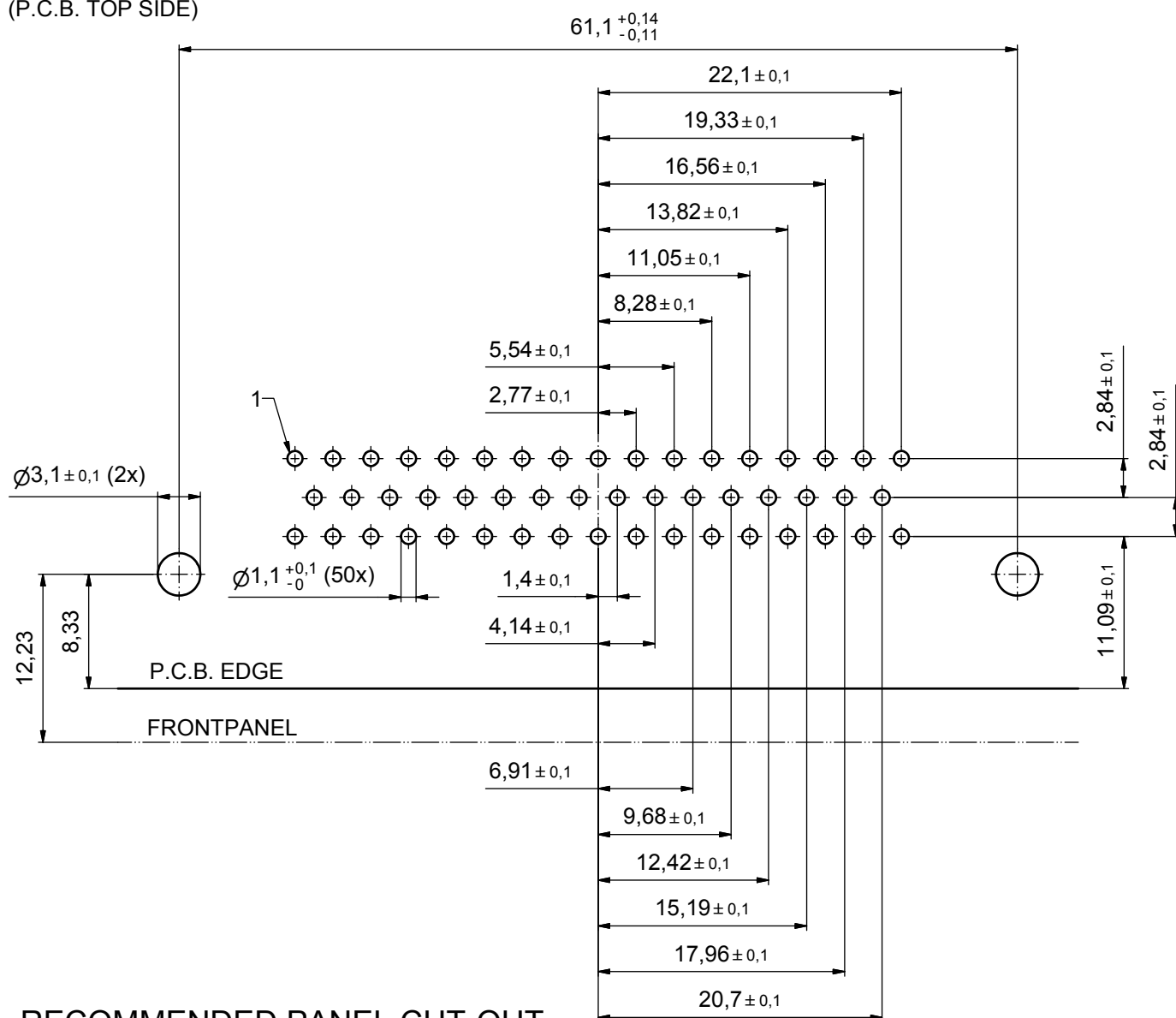
A3

sh

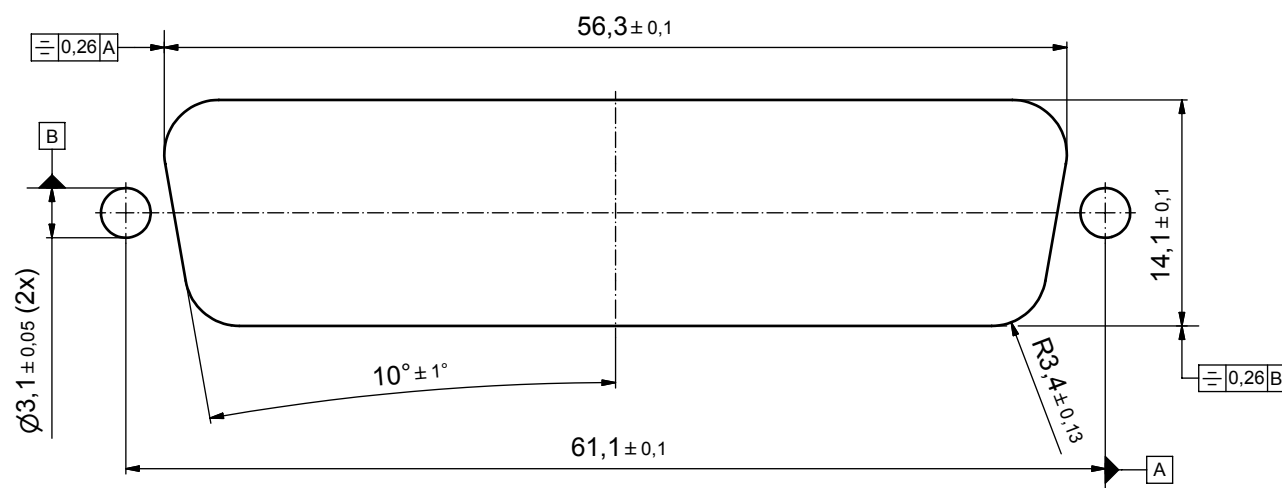


P.C.B. HOLE DRILLINGS

(P.C.B. TOP SIDE)



RECOMMENDED PANEL CUT-OUT



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		
dim. in mm	date	name
	drawn 06.11.09	Schmidt
	appd. 08.12.09	Fischer
	norm	
	d-old	

CONEC

scale:	3:1		
material:	see sheet 1		
title:	P.C.B. HOLE DRILLINGS PANEL CUT-OUT D-SUB Male 50pos. Solder pin angled 90°		
dwg no:	Inventor 10	DIN-A3	
	15K1A472		sh: 2
part no:	see sheet 1		