

**NOTES:**

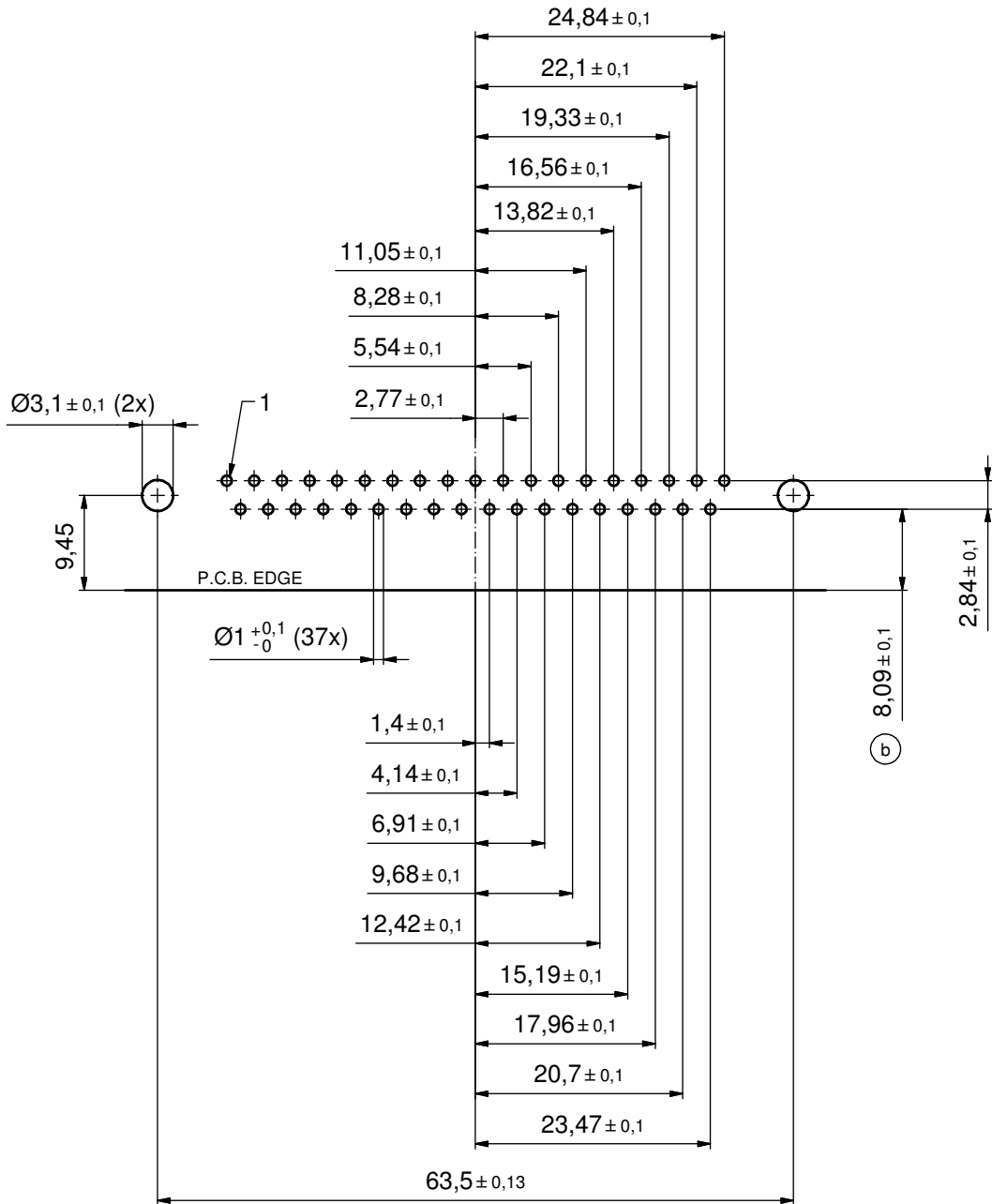
1. METALSHELLS: STEEL; min. 315µm TIN over 40-80µm NICKEL
2. INSULATORS: PBT GF UL 94 V-0, BLACK
3. SIGNAL CONTACTS: COPPER ALLOY; PLATING (SEE PART NO.):
  - PLEASE ADD A for GOLD FLASH over NICKEL (PREFERRED TYPE)
  - PLEASE ADD B for 20µm HARD GOLD over min. 50µm NICKEL
  - PLEASE ADD C for 30µm HARD GOLD over min. 50µm NICKEL
  - PLEASE ADD J for 50µm HARD GOLD over min. 50µm NICKEL
4. METAL BRACKETS: ZINC DIE CAST; 300µm COPPER/40-120µm NICKEL/120-200µm TIN
5. THREADED INSERTS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL
6. PCB-SNAPS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL  
PCB-HOLE: Ø3.1±0.1; PCB THICKNESS 1.6mm
7. FIXING-PLATE: PBT GF UL 94 V-0, BLACK
8. MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
9. P.C.B. HOLE DRILLINGS ON SHEET 2
10. CONNECTOR IS PART MARKED: [163□17559X CONEC ABC] (see note 3)

Directive 2002/95/EC RoHS compliant

THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH DO NOT ALTER CAD DRAWING BY HAND	tolerance		dim. in mm		scale: 2:1 (5:1)	
					material: SEE NOTES	
	date		name		title:	
	drawn	05.11.13	Henneboel		<b>D-SUB MALE 90°</b> 37pos. SOLDER PIN ANGLED 0.318inch threaded insert, metal bracket, fixing plate, snap	
	appd.	07.11.13	Lehmenkühler			
norm						
d-old	16K1A022A/16K1A682/16K2A682		dwg no:		DIN-A3	
3 x b	A4946	05.11.2013	K.H.	<b>(b) 16K1A3320</b>		sh: 1/2
a	Original			<b>(b) 163□17559X</b> (see note 3)		
rev.	description	date	name	<b>CONEC</b>		

# P.C.B. HOLE DRILLINGS

(P.C.B. TOP SIDE)



THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH DO NOT ALTER CAD DRAWING BY HAND				tolerance		scale: 2:1
					dim. in mm	material: SEE SHEET 1
				date	name	title: <b>P.C.B. HOLE DRILLINGS</b> D-SUB MALE 37pos. SOLDER PIN ANGLED threaded insert, metal bracket, fixing-plate, snap
				drawn 05.11.13	Henneboel	
				appd. 07.11.13	Lehmenkühler	
			norm	d-old	dwg no:	
1 x b	Ä4946	14.11.2013	Lehm.	<b>CONEC</b> ®		DIN-A3
a	Original					16K1A3320
rev.	description	date	name	part no: SEE SHEET 1		