

**NOTES:**

1. METALHELLS: 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)

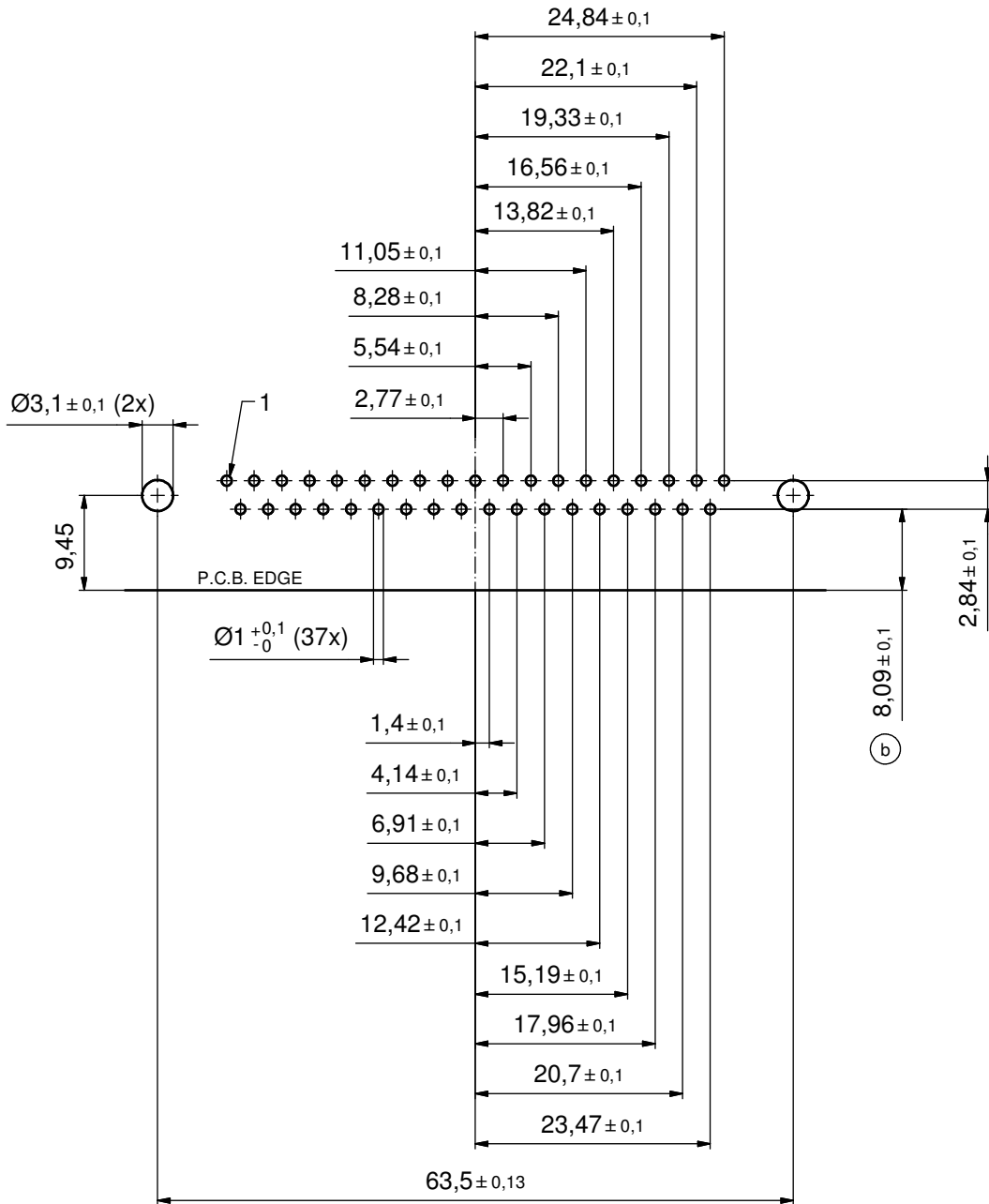
Directive 2002/95/EC RoHS compliant

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		dwg no:	DIN-A3	
3 x b	A4946	05.11.2013	K.H.	<b>(b) 16K1A3320</b>	sh: 1/2
rev.	description	date	name	<b>(b) 163□17559X</b> (see note 3)	



# P.C.B. HOLE DRILLINGS

(P.C.B. TOP SIDE)



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							material:	SEE SHEET 1
				date	name	title:		P.C.B. HOLE DRILLINGS 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			dwg no:	DIN-A3
				d-old				sh: 2/2
1 x b	Ä4946	14.11.2013	Lehm.			16K1A3320		
a	Original					part no: SEE SHEET 1		
rev.	description	date	name					