

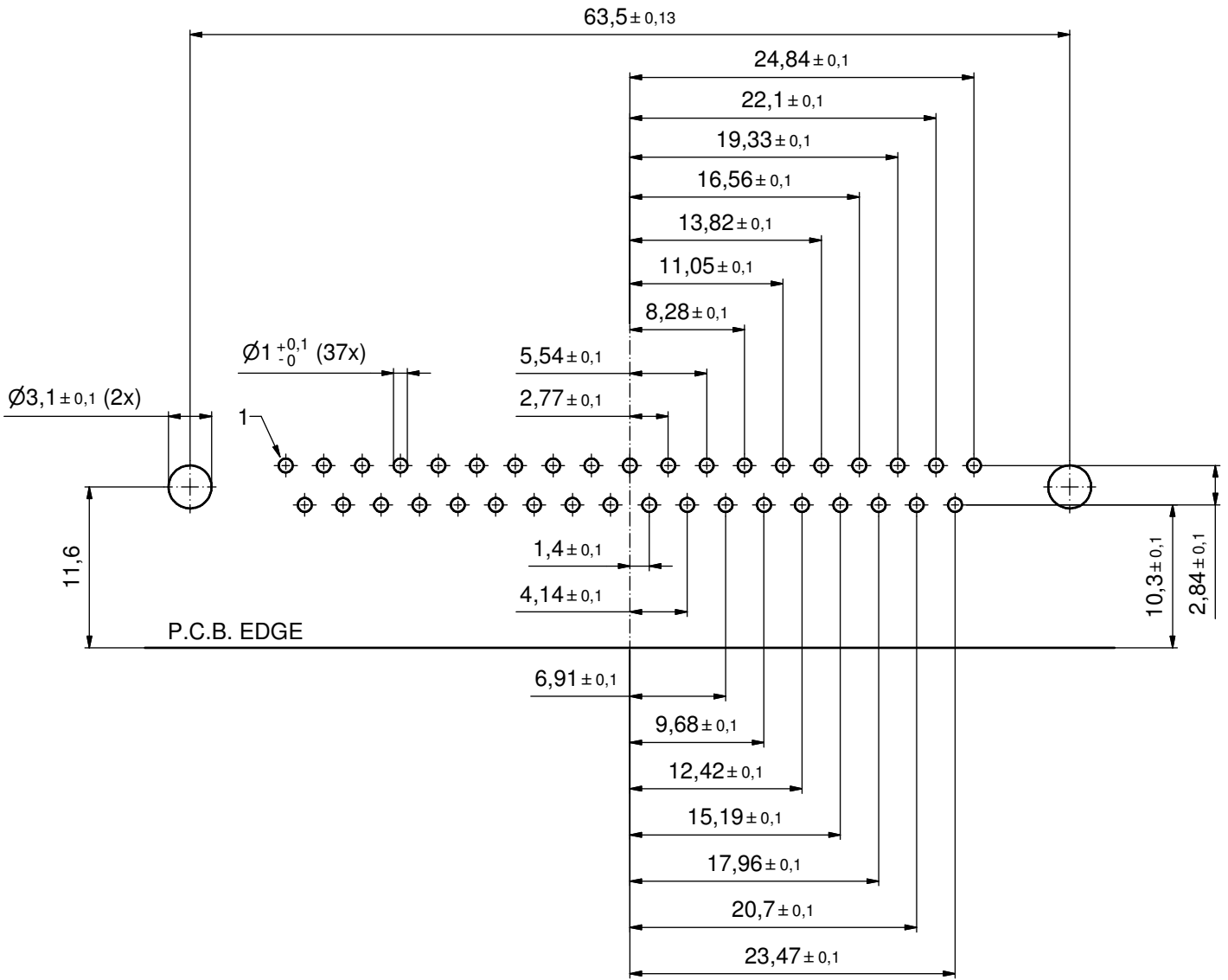
**NOTES:**



1. METALSHIELDS: STEEL; min. 315µin TIN over 40-80µin NICKEL
2. INSULATORS: PBT GF UL 94 V-0; BLACK
3. CONTACTS: COPPER ALLOY; PLATING (SEE PART NO.):
  - (b)  PLEASE ADD A for GOLD FLASH over NICKEL (PREFERRED TYPE)
  - PLEASE ADD B for 20µin HARD GOLD over min. 50µin NICKEL
  - PLEASE ADD C for 30µin HARD GOLD over min. 50µin NICKEL
  - PLEASE ADD J for 50µin HARD GOLD over min. 50µin NICKEL
4. METAL BRACKETS: ZINC DIE CAST; 300µin COPPER/40-120µin NICKEL/120-200µin TIN
5. THREADED INSERTS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
6. PCB-SNAPS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL  
PCB-HOLE:  $\varnothing 3.1 \pm 0.1$ ; PCB THICKNESS 1.6mm
7. FIXING-PLATE: PBT GF UL 94 V-0; BLACK
8. PCB-HOLE DRILLINGS ON SHEET 2
9. MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
10. CONNECTOR IS PART MARKED: [163□16389X CONEC ABC] (see note 3)

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
						title:	D-SUB MALE 90°
						37pos. SOLDER PIN ANGLED 0.370inch with threaded insert, metal bracket, fixing-plate and clip	
						dwg no:	16K1A2381
						DIN-A3	sh: 1/2
						part no:	(b) 163□16389X (see note 3)
	3 x b	A5574	17.03.2015	KH.			
	a	Origin					
	rev.	description	date	name	<b>CONEC</b>		

P.C.B. HOLE DRILLINGS  
(P.C.B. TOP SIDE)



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					date		name	material: SEE SHEET 1
					drawn	24.10.08	Sonnenberg	title: <b>P.C.B. HOLE DRILLINGS</b> D-SUB MALE 37pos. SOLDER PIN ANGLED with threaded insert, metal bracket, fixing-plate and snap
					appd.	24.10.08	Mickenbecker	
					norm			
				d-old			dwg no:	
a	Origin						16K1A2381	DIN-A3
rev.	description	date	name				part no:	SEE SHEET 1