

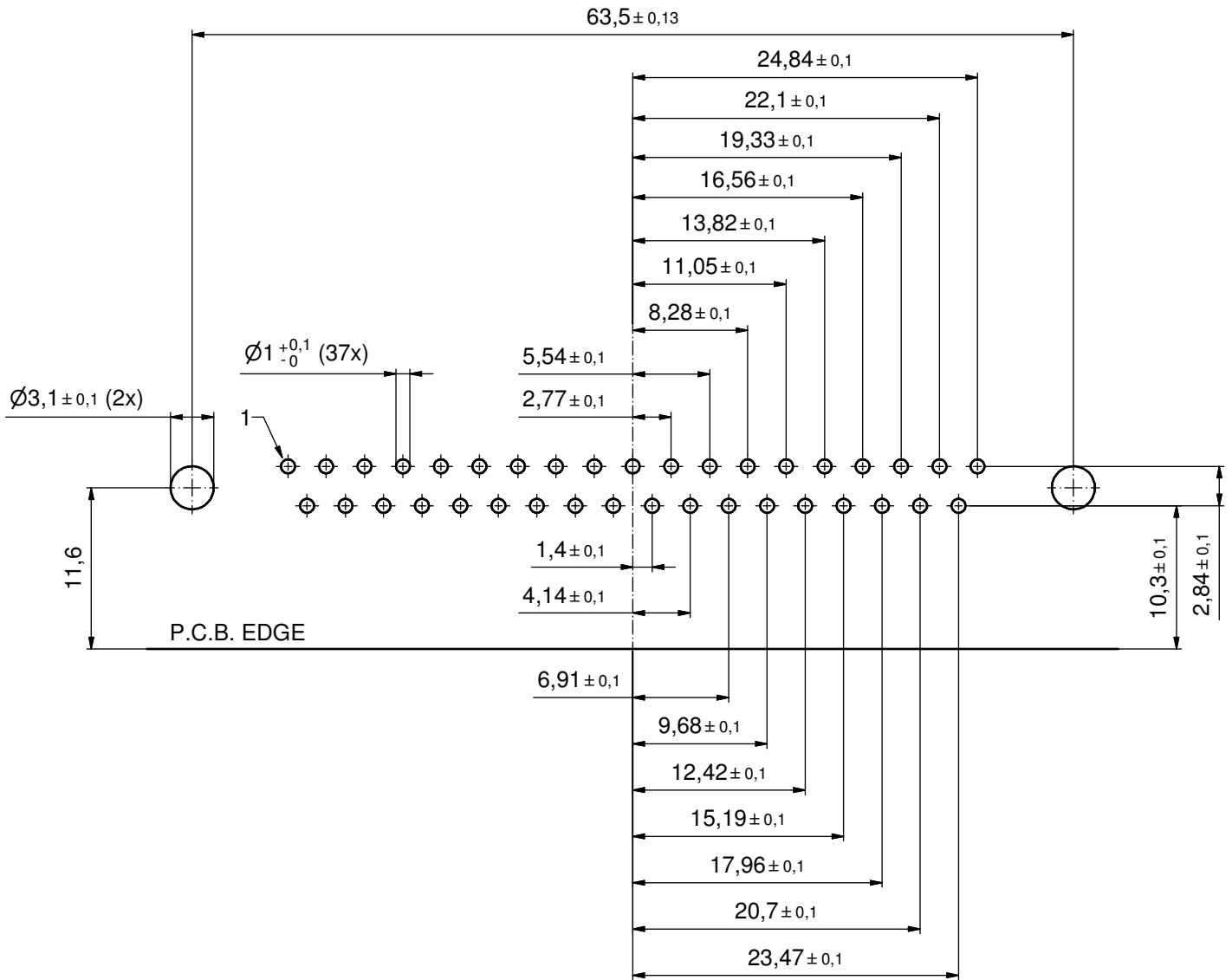
**NOTES:**

1. METAL SHELLS: STEEL; min. 315µm TIN over 40-80µm 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 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:  $\varnothing 3.1 \pm 0.1$ ; 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

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					material: SEE NOTES
	date	name	title:		
	drawn 24.10.08	Sonnenberg	<b>D-SUB MALE 90°</b> 37pos. SOLDER PIN ANGLED 0.370inch with threaded insert, metal bracket, fixing-plate and clip		
	appd. 24.10.08	Mickenbecker			
norm		d-old	16K2A2381/16K1A1804	dwg no:	DIN-A3
3 x b	A5574	17.03.2015	KH.	16K1A2381	
a	Origin			part no: (b) 163□16389X (see note 3)	sh: 1/2
rev.	description	date	name	<b>CONEC</b>	

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



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					dim. in mm		material: SEE SHEET 1
	rev.	description	date	name	drawn	date	name
	a	Origin			24.10.08	24.10.08	Sonnenberg
					appd.		Mickenbecker
					norm		
					d-old		
					title: <b>P.C.B. HOLE DRILLINGS</b> D-SUB MALE 37pos. SOLDER PIN ANGLED with threaded insert, metal bracket, fixing-plate and snap		
					dwg no: 16K1A2381 part no: SEE SHEET 1		
					DIN-A3 sh: 2/2		