

**NOTES:**

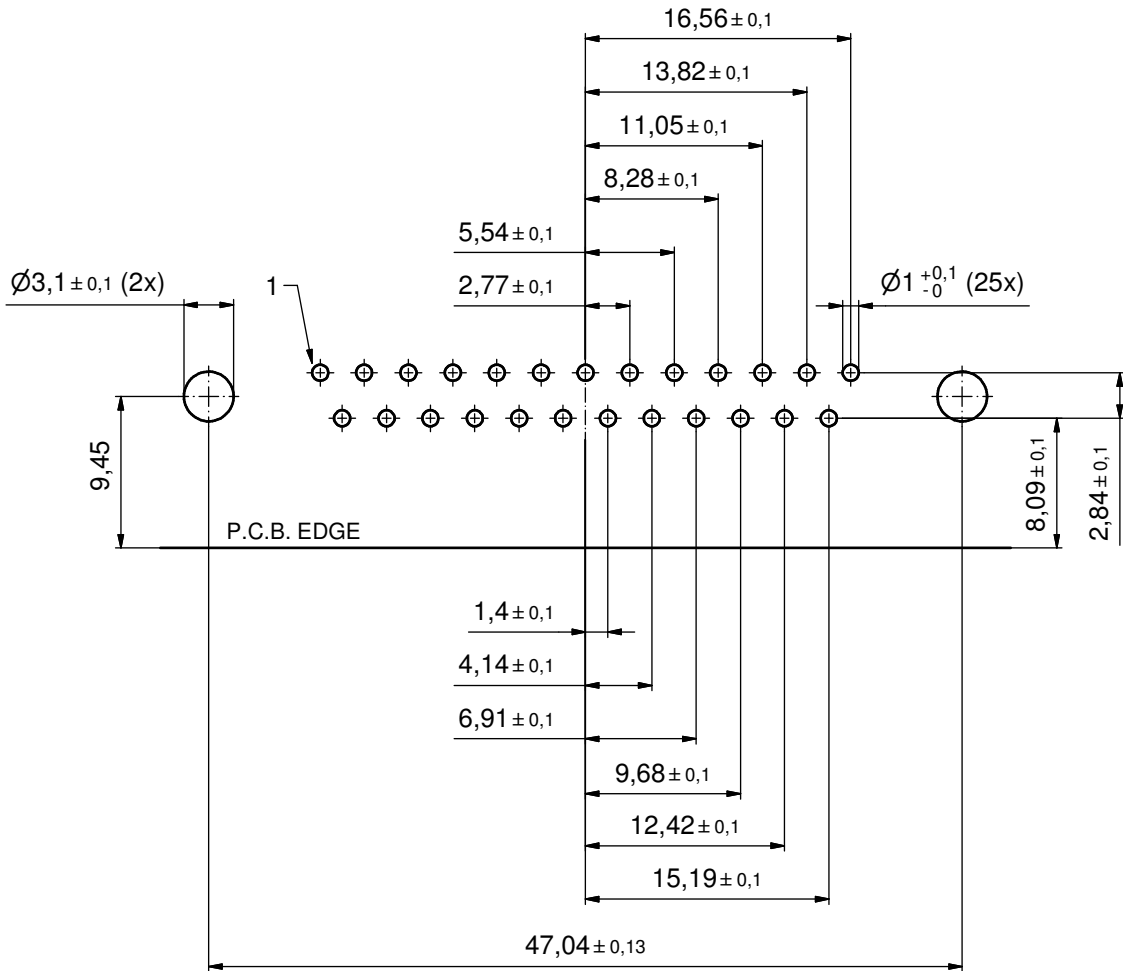
1. METAL SHELLS: STEEL; min. 315µm TIN over 40-80µm NICKEL
2. INSULATORS: PBT GF UL 94 V-0; BLACK
3. CONTACTS: COPPER ALLOY; PLATING (SEE PART NO.)
  - PLEASE ADD C for 30µm HARD GOLD over min. 50µm NICKEL
  - PLEASE ADD B for 20µm HARD GOLD over min. 50µm NICKEL
  - PLEASE ADD A for GOLD FLASH over NICKEL (PREFERRED TYPE)
4. METAL BRACKETS: ZINC DIE CAST; 300µm COPPER/40-120µm NICKEL/120-200µm TIN
5. THREADED LOCKS: 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□18629X CONEC ABC** (see note 3)

Directive 2002/95/EC RoHS compliant

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				material: see notes
	date	name		title: <b>D-SUB MALE 90°</b> 25pos. SOLDER PIN ANGLED 0.318inch with threaded lock, metal bracket, snap, fixing-plate
	drawn 23.01.13	Henneboel		
	appd. 28.01.13	Fischer		
norm			dwg no:	
d-old 16K1A1010/16K2A1010			16K1A3181 (b)	
3 x b A4620 23.01.2013 KH.			DIN-A3	
a Original			sh: 1/2	
rev. description date name			part no: (b) 163□18629X (see note 3)	



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



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				date		name	material: see sheet 1
				drawn	23.01.13	Henneboel	title: <b>P.C.B. HOLE DRILLINGS</b> D-SUB MALE 90° 25pos. solder pin angled with threaded lock, metal bracket, snap, fixing-plate
				appd.	28.01.13	Fischer	
				norm			
				d-old			dwg no:
a	Original					16K1A3181	DIN-A3
rev.	description	date				name	part no: see sheet 1