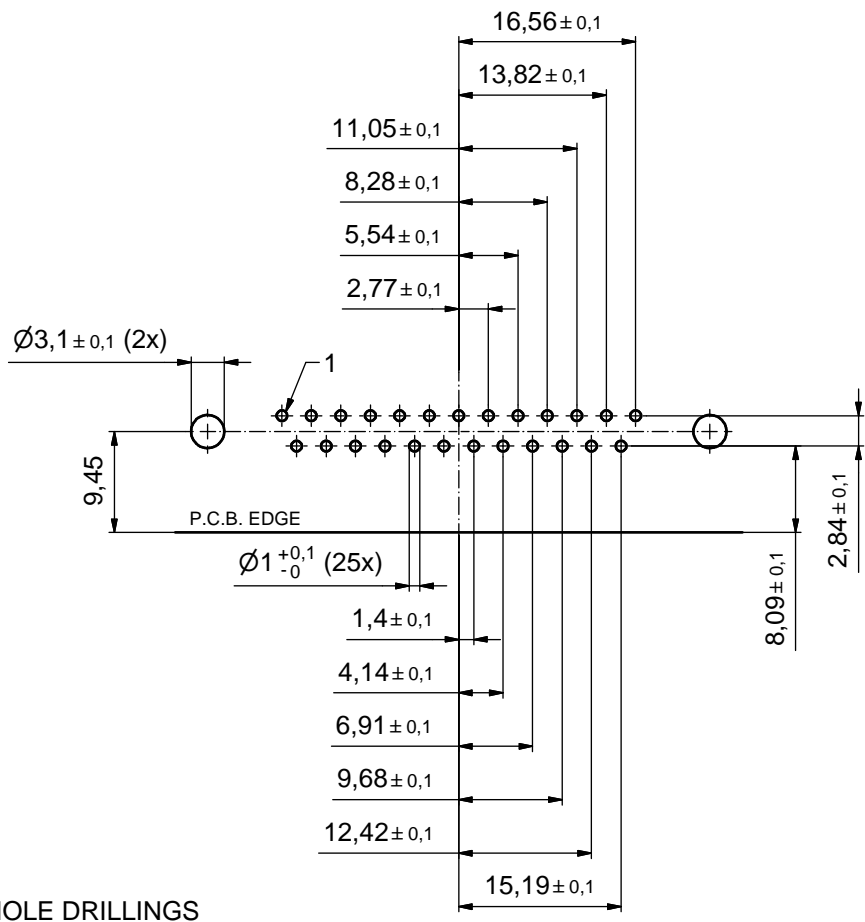


NOTES:

1. METAL SHELLS: 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
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. FIXING-PLATE: PBT GF UL 94 V-0, BLACK
7. PCB HOLE DRILLINGS ON SHEET 2
8. MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
9. CONNECTOR IS PART MARKED: **163□13089X 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	
					title: D-SUB MALE 90°	
					25pos. SOLDER PIN ANGLED 0.318inch with threaded insert, metal bracket, fixing-plate	
1 x b		A5104	21.02.14	HS	dwg no: 16K1A3401	
a		Original			DIN-A3 sh: 1/2	
rev. description		date	name			part no: 163□13089X (see note 3)
				drawn 21.02.14 Schmidt appd. 21.02.14 Lehmenkühler norm d-old 16K1A1323		



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

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				date	name	material: SEE SHEET 1
				drawn	21.02.14	Schmidt
				appd.	21.02.14	Lehmenkühler
				norm		
			d-old			
1 x b	Ä5104	21.02.14	HS	title: P.C.B. HOLE DRILLINGS D-SUB MALE 90° 25pos. solder pin angled with threaded insert, metal bracket, fixing-plate		
a	Original					
			dwg no: 16K1A3401 (b)		DIN-A3	
rev.	description	date	name	part no: SEE SHEET 1		sh: 2/2