

**NOTES:**

1. METALSHELLS: 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 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: STEEL; min. 320µm TIN over 80µm NICKEL
5. THREADED INSERTS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL
6. PCB SNAPS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL  
PCB-HOLE:  $\text{\O}3,1\pm0,1$ mm; PCB THICKNESS 1,6mm
7. FIXING-PLATE: PBT GF 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\text{\square}19219X CONEC ABC (see note 3)

RoHS compliant

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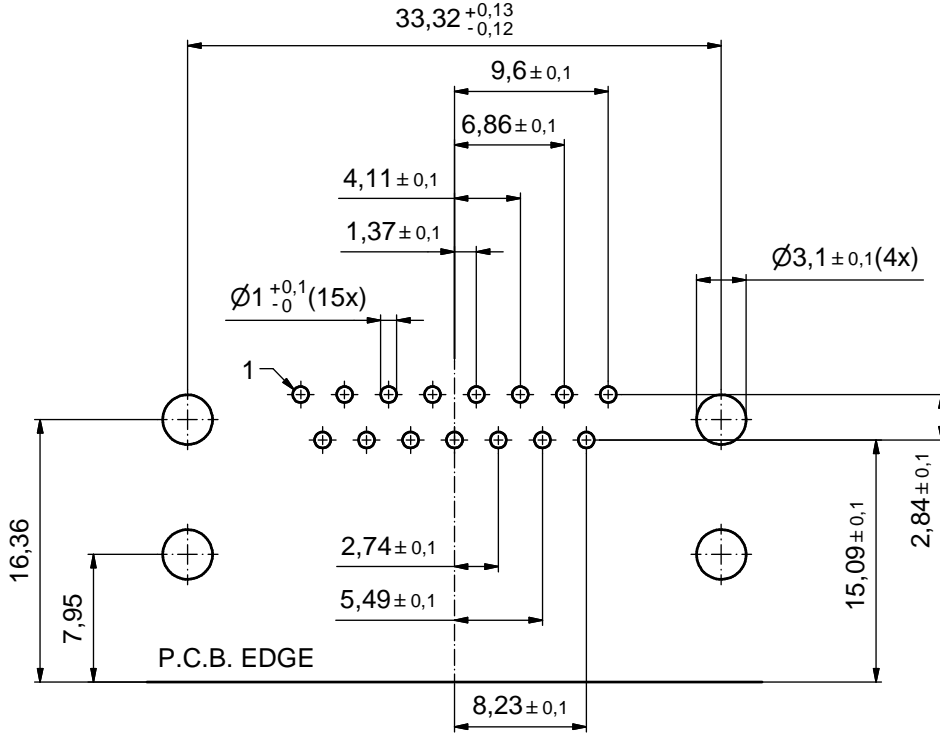
tolerance			scale: 2:1 (5:1)	
dim. in mm			material: SEE NOTES	
date	name		title: <b>D-SUB MALE 90°</b> 15pos. SOLDER PIN ANGLED 0.590inch with threaded insert, metal bracket, fixing plate and clip	
drawn 20.04.2016	Unkrüer			
appd. 21.04.2016	Lehmenkühler			
norm				
d-old			dwg no:	
a Original			16K1A3775	
rev. description	date	name	part no: 163\text{\square}19219X (see note 3)	


**CONEC**<sup>®</sup>

DIN-A3  
sh: 1/2

# P.C.B. HOLE DRILLINGS

(P.C.B. TOP SIDE)



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					dim. in mm		material: SEE SHEET 1
					date	name	title: <b>P.C.B. HOLE DRILLINGS</b> D-SUB MALE 90° 15pos. 0.590inch with threaded insert, metal bracket, fixing plate and snap
					drawn 20.04.2016	Unkrüer	
				appd. 21.04.2016	Lehmenkühler		
				norm		dwg no:	
				d-old		DIN-A3	
				rev. a	Original	16K1A3775	
				rev. description	date	name	sh: 2/2
				<b>CONEC®</b>			part no: SEE SHEET 1