



**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: 8µm HARD GOLD OVER min. 50µm NICKEL
4. METAL BRACKET: ZINC DIE CAST; 300µm COPPER/40-120µm NICKEL/120-200µm TIN
5. THREADED INSERT: COPPER ALLOY; min. 200µm TIN OVER 80µm NICKEL
6. PCB-SNAP: 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. MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
9. CONNECTOR IS PART MARKED: 163A16359X CONEC ABC

Directive 2002/95/EC  
RoHS  
Compliant

APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL	
CUSTOMER APPROVAL DATE:	
NAME:	TITLE:
COMPANY NAME:	
APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL	

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DO NOT ALTER CAD DRAWING BY HAND			
		tolerance	
			scale: 2:1 (5:1)
		dim. in mm	material: SEE NOTES
		date	title:
		name	<b>D-SUB MALE 90°</b>
		drawn 13.03.07	9pos. SOLDER PIN ANGLED 0.370inch
		appd. 13.03.07	thread insert, metal bracket, fixing-plate, snap
		norm DIN 41652	dwg no: Inventor
		d-old	DIN-A3
a	Origin	<b>CONEC</b>	
rev.	description	date	name
			16K2A1804
			part no: 163A16359X
			sh: 1