



**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. PCB-SNAPS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL  
PCB-HOLE: Ø3.1±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: 164□17939X CONEC ABC (see note 3)

Directive 2002/95/EC RoHS compliant

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					material:	SEE NOTES	
	date	name		title:			
	drawn	28.10.13	Henneboel		D-SUB FEMALE 90°		
	appd.	12.11.13	Lehmenkühler		9pos. SOLDER PIN ANGLED 0.318inch threaded insert, metal bracket, fixing-plate, snap		
	norm			dwg no:			
d-old	16K1A070A		16K1A685		DIN-A3		
2 x b	Ä4946	28.10.2013	K.H.	sh: 1			
a	Original			part no: (b) 164□17939X (see note 3)			
rev.	description	date	name	CONEC®			