



**NOTES:**

1. METAL SHELLS: STEEL; min. 315µin TIN over 40-80µin 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 20µin HARD GOLD over min. 50µin NICKEL
  - PLEASE ADD C for 30µin HARD GOLD over min. 50µin NICKEL
  - PLEASE ADD J for 50µin HARD GOLD over min. 50µin NICKEL
4. METAL BRACKETS: ZINC DIE CAST; 300µin COPPER/40-120µin NICKEL/120-200µin TIN
5. THREADED INSERTS: COPPER ALLOY; min. 200µin TIN over 80µin 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□13099X CONEC ABC (see note 3)

Directive 2002/95/EC RoHS compliant

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				material: SEE NOTES				
				drawn	21.02.14	Schmidt	title: <b>D-SUB MALE 90°</b> 37pos. SOLDER PIN ANGLED 0.318inch with threaded insert, metal bracket, fixing plate	
				appd.	21.02.14	Lehmenkühler		
norm								
d-old	16K1A1323		dwg no:		DIN-A3			
1 x b	Ä5104	21.02.14	HS			sh: 1/2		
a	Original							
rev.	description	date	name	part no: 163□13099X (see note 3)				

