



**NOTES:**

- METALSHELLS: STEEL; min. 315µin TIN over 40-80µin NICKEL
- INSULATORS: PBT GF UL 94 V-0, BLACK
- 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
- METAL BRACKETS: ZINC DIE CAST; 300µin COPPER/40-120µin NICKEL/120-200µin TIN
- THREADED INSERTS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
- PCB-SNAPS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL  
PCB-HOLE:  $\varnothing 3,1 \pm 0,1$ ; PCB THICKNESS 1.6mm
- FIXING-PLATE: PBT GF UL 94 V-0, BLACK
- MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
- CONNECTOR IS PART MARKED: **163□16399X CONEC ABC** (see note 3)

RoHS compliant

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				material: SEE NOTES		
	date	name		title: <b>D-SUB MALE 90°</b> 9pos. SOLDER PIN ANGLED 0.370inch. threaded insert, metal bracket, fixing-plate, snap		
	drawn	30.09.15	Heinrich			
	appd.	30.09.15	Lehmenkühler			
norm	d-old		dwg no:			
a	Original			16K1A3719	DIN-A3	
rev.	description			date	name	sh: 1
				part no:	163□16399X (see note 3)	