



**NOTES:**

- METALSHELLS: STEEL; min. 315µm TIN over 40-80µm 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 20µm HARD GOLD over min. 50µm NICKEL  
 PLEASE ADD C for 30µm HARD GOLD over min. 50µm NICKEL
- METAL BRACKETS:  
ZINC DIE CAST; 300µm COPPER/40-120µm NICKEL/120-200µm TIN
- THREADED INSERTS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL
- FIXING PLATE: PBT GF UL 94 V-0, BLACK
- PCB-SNAPS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL  
PCB-HOLE: Ø3,1±0,1mm; PCB-THICKNESS: 1,6mm
- P.C.B. HOLE DRILLINGS ON SHEET 2
- MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
- CONNECTOR IS PART MARKET: 164□19919X CONEC ABC

Directive 2002/95/EC RoHS compliant

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		tolerance		dim. in mm	
1 x b	Ä4717	date	name	drawn	date
a	Original	10.04.13	HS	Schmidt	10.04.13
rev.	description	date	name	appd.	norm
				Fischer	
					d-old
					16K1A543 / 16K11MGA

scale:	2:1
material:	see notes
title:	
D-SUB DUAL PORT 19,05mm	
FEMALE / FEMALE 2x9pos.	
threaded insert, metal bracket, fixing plate, snap	
dwg no:	16K1A3219 (b)
part no:	164□19919X (see note 3)
DIN-A3	sh: 1

