



NOTES:

- METALSHELLS: COPPER ALLOY; min. 315µm TIN over 40-80µm NICKEL
- INSULATORS: PBT GF UL 94 V-0, BLACK
- CONTACTS: COPPER ALLOY
PLATING: 8µm HARD GOLD over min. 50µm NICKEL
- METAL BRACKET:
ZINC DIE CAST; 300µm COPPER/40-120µm NICKEL/120-200µm TIN
- THREADED INSERT: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL
- FIXING PLATE: PBT GF UL 94 V-0, BLACK
- PCB-SNAP: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL
PCB-HOLE: $\varnothing 3,1 \pm 0,1$ mm; PCB-THICKNESS: 1,6mm
- MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
- CONNECTOR IS PART MARKED: 164A1999X 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	

DO NOT ALTER CAD DRAWING BY HAND			
a	Origin		
rev.	description	date	name

tolerance		 dim. in mm
date	name	
drawn	06.03.09 Petker	
appd.	09.03.09 Koch	
norm		
d-old		

scale: 2:1	
material: SEE NOTES	
title: D-SUB DUAL PORT 19,05mm FEMALE / FEMALE 2x9pos. with threaded insert and snap	
dwg no:	Inventor 10
16K1A2457	
part no:	164A1999X
DIN-A3	sh: 1

