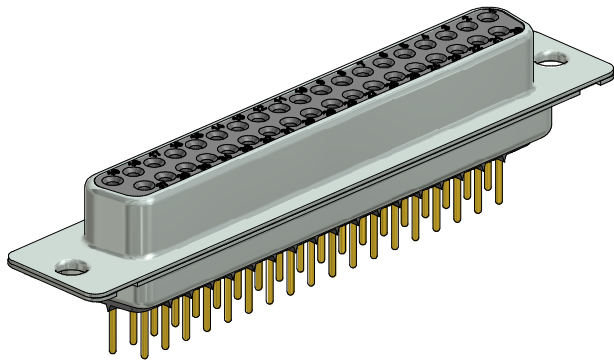




Technical specification:

Technische Daten:

Working voltage/ <i>Betriebsspannung:</i>	125 V AC
Insulation resistance/ <i>Isolationswiderstand:</i>	$\geq 5 \text{ G}\Omega$
Dielectric withstanding voltage/ <i>Spannungsfestigkeit:</i>	1000V, 50 Hz, 1 min.
Temperature range/ <i>Temperaturbereich:</i>	-55 °C ... +125 °C
Current rating/ <i>Strombelastbarkeit:</i>	7,5 (UL) / 5 (CSA, VDE)
Mating cycles/ <i>Steckzyklen:</i>	Quality class 1 = 500 <i>Gütestufe 1</i> Quality class 2 = 200 <i>Gütestufe 2</i> Quality class 3 = 50 <i>Gütestufe 3</i>

Materials/

Werkstoffe:

Contact/ <i>Kontakt:</i>	Cu alloy, Au over Ni
Insulator/ <i>Isolierkörper:</i>	PBT GF UL 94 V-0, black/ <i>schwarz</i>
Shell/ <i>Gehäuse:</i>	Steel, Sn over Ni

Installation specifiation/

Montagedaten:

PCB-Hole drillings/ <i>Leiterplattenbohrbild:</i>	see sheet 2/ <i>siehe Seite 2</i>
--	--------------------------------------

b

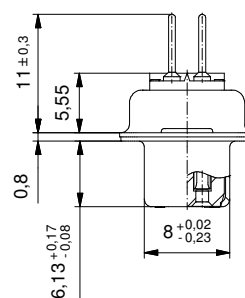
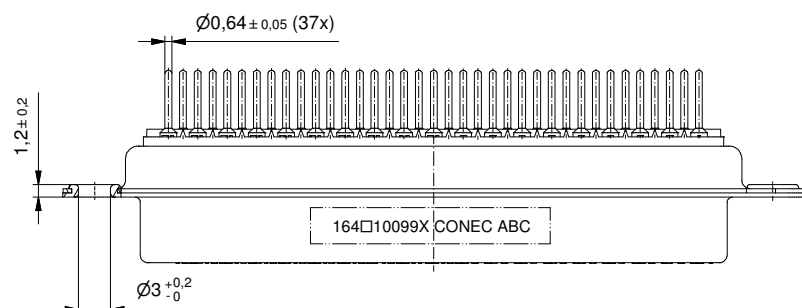
Part no. / Part Marked/ <i>Art.-Nr./ Bedruckung:</i>		Contact plating/ <i>Kontakt Veredelung:</i>	
164A10099X		Gold Flash over Nickel <i>Gold über Nickel</i>	
164B10099X		20 µin Hard Gold over min. 50 µin Nickel <i>20 µin Gold über min. 50 µin Nickel</i>	
164C10099X		30 µin Hard Gold over min. 50 µin Nickel <i>30 µin Gold über min. 50 µin Nickel</i>	
164J10099X		50 µin Hard Gold over min. 50 µin Nickel <i>50 µin Gold über min. 50 µin Nickel</i>	
 dim. in mm		D-SUB Female 37pol.	
		D-SUB Buchsenleiste 37pos.	
		dwg no / <i>Z.-nr.:</i>	
		16K1A2080	
Index: Ind. b Ä6253 K.H. 02.08.16		DIN-A3	
Status: InBearbeitung		1 / 2	
RoHS & REACH compliant/ <i>konform</i>			

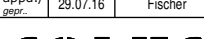
CONEC®

Technical drawing of a mechanical part, likely a shaft or tube, showing dimensions and tolerances.

Dimensions and Tolerances:

- Total length: $63,5 \pm 0,13$
- Top section dimensions (from right end):
 - $24,84 \pm 0,1$
 - $22,1 \pm 0,1$
 - $19,33 \pm 0,1$
 - $16,56 \pm 0,1$
 - $13,82 \pm 0,1$
 - $11,05 \pm 0,1$
 - $8,28 \pm 0,1$
 - $5,54 \pm 0,1$
 - $2,77 \pm 0,1$
- Bottom section dimensions (from left end):
 - $1,4 \pm 0,1$
 - $4,14 \pm 0,1$
 - $6,91 \pm 0,1$
 - $9,68 \pm 0,1$
 - $12,42 \pm 0,1$
 - $15,19 \pm 0,1$
 - $17,96 \pm 0,1$
 - $20,7 \pm 0,1$
 - $23,47 \pm 0,1$
- Left end features:
 - Hole diameter: $\varnothing 3,1 \pm 0,1$ (2x)
 - Feature: $\varnothing 1^{+0,1}_{-0}$ (37x)
- Right end feature: Hole diameter $\varnothing 1,42 \pm 0,1$



				dim. in mm		D-SUB Female 37pol.	
			Date/ <i>Datum</i>	Name		D-SUB Buchsenleiste 37pos.	
		drawn/ <i>gezeichnet</i>	29.07.16	Henneboel			
		appd./ <i>gepr.</i>	29.07.16	Fischer			
Index: Ind. b Ä6253 K.H. 02.08.16	scale/ <i>Maßstab</i> :			dwg no / Z.-nr.:		16K1A2080	
Status: InBearbeitung	2:1 (5:1)					DIN-A3	
RoHS & REACH compliant/ <i>konform</i>						2 / 2	

reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages, including those for any consequential or incidental damage, as well as those arising from the use or distribution of unlicensed copying of documents or articles. (This declaration does not apply to the article's text in the public domain.)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[CONEC:](#)

[164A10099X](#)