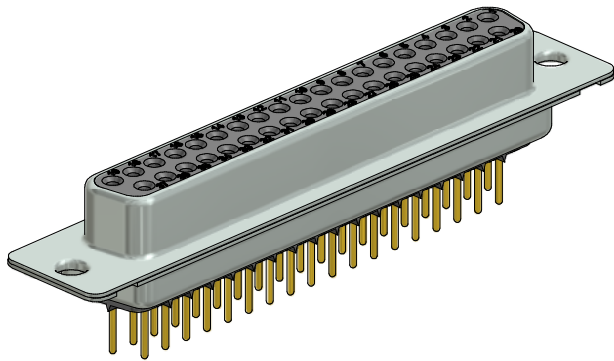




Technical specification:

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 specification/

Montagedaten:

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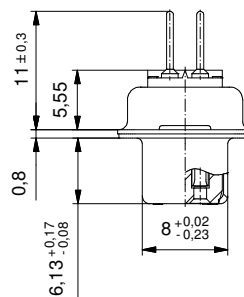
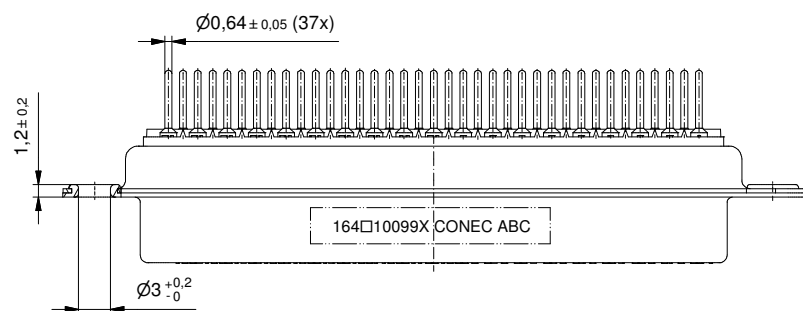
b

Part no. / Part Marked/ Art.-Nr./ Bedruckung:		Contact plating/ Kontakt Veredelung:		
164A10099X		Gold Flash over Nickel Gold über Nickel		
164B10099X		20 µin Hard Gold over min. 50 µin Nickel 20 µin Gold über min. 50 µin Nickel		
164C10099X		30 µin Hard Gold over min. 50 µin Nickel 30 µin Gold über min. 50 µin Nickel		
164J10099X		50 µin Hard Gold over min. 50 µin Nickel 50 µin Gold über min. 50 µin Nickel		
 dim. in mm		D-SUB Female 37pol. D-SUB Buchsenleiste 37pos.		
drawn/ gez.	Date/Datum 29.07.16			Name Henneboel
appd./ gepr.	29.07.16			Fischer
		dwg no / Z.-nr.:	16K1A2080	
			DIN-A3 1 / 2	

Technical drawing of a mechanical part with dimensions in mm. The part is a long, thin component with a central section containing a series of holes. The drawing includes various dimension lines and tolerances.

Key dimensions and tolerances:

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



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

[illegible]