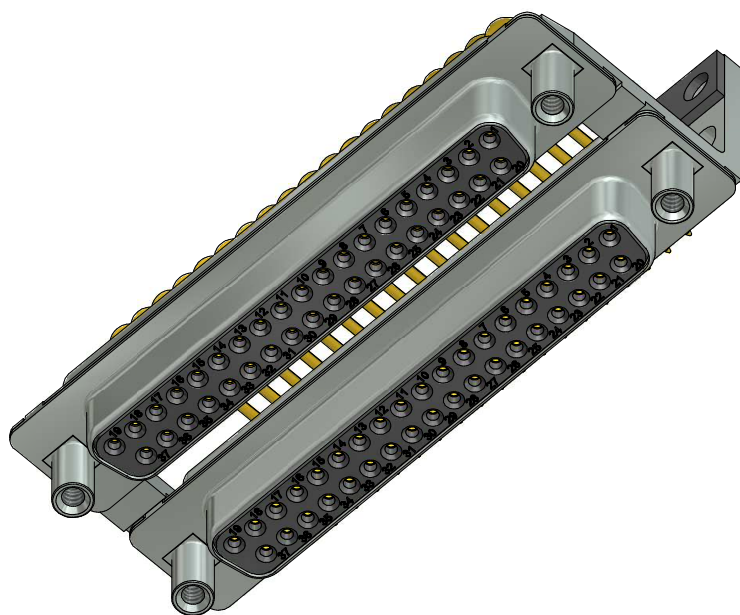
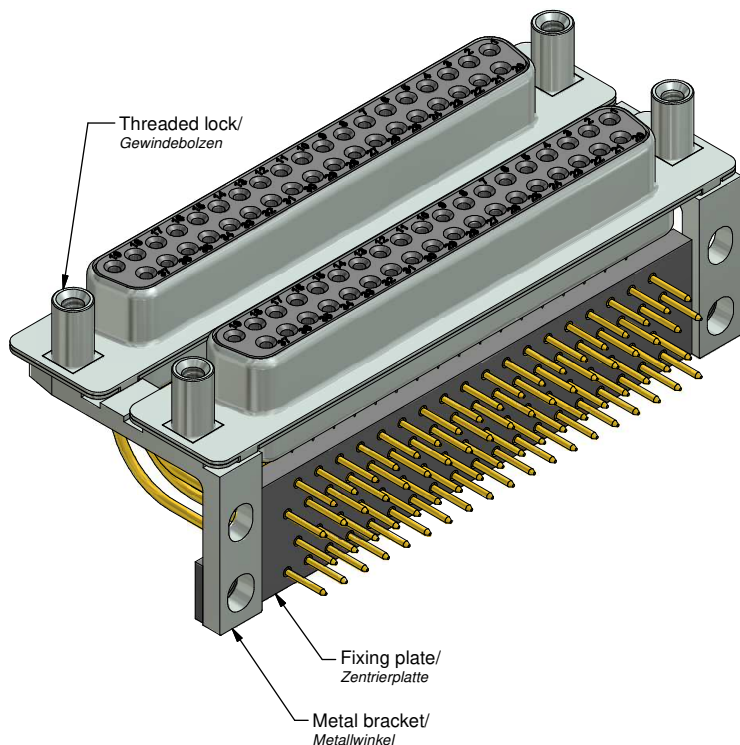




Technical specification:

Technische Daten:

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

Materials/

Werkstoffe:

Contact/ Kontakt:	Cu alloy, Au over Ni
Insulator/ Isolierkörper:	PBT GF UL 94 V-0
Shell/ Gehäuse:	Steel, Sn over Ni
Metal bracket/ Metallwinkel:	GD-Zn, Cu / Ni / Sn
Threaded lock/ Gewindebolzen:	Cu alloy, Sn over Ni
Fixing plate/ Zentrierplatte:	PBT GF UL 94 V-0

Installation specification/

Montagedaten:

Recommended torque value for thread/ Empfohlenes Drehmoment für Gewinde:	max. 6 in.LB/ max. 67 Ncm
PCB hole drillings/ Leiterplattenbohrbild:	see sheet 2/ siehe Seite 2

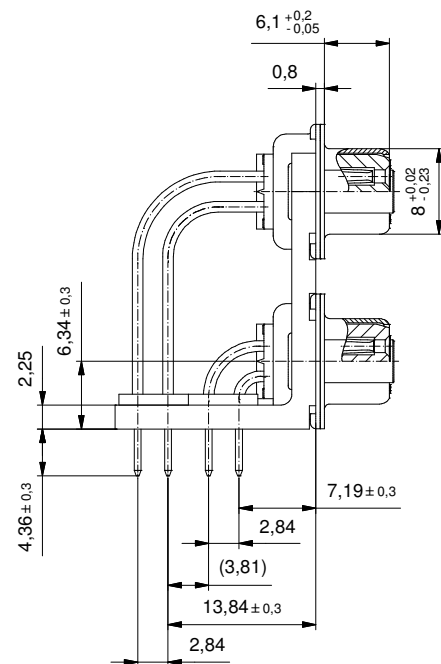
Part no. / Part marked/ Art.-Nr. / Bedruckung:	Quality class/ Gütestufe:	Contact plating/ Kontakt Veredelung:
164A15799X	3	Gold flash over nickel Gold über Nickel
164B15799X	2	20 µin hard gold over min. 50 µin nickel 20 µin Gold über min. 50 µin Nickel
164C15799X	1	30 µin hard gold over min. 50 µin nickel 30 µin Gold über min. 50 µin Nickel

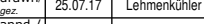
				dim. in mm	D-SUB DUAL PORT 15.88mm 37pos. Female / 37pos. Female with threaded lock, metal bracket and fixing plate	
		Date/Datum		Name	D-SUB DUAL PORT 15.88mm 37pol. Buchse / 37pol. Buchse mit Gewindebolzen, Metallwinkel und Zentrierplatte	
		drawn/ gez. appd./ gepr..		25.07.17 Lehmenkübler		
				25.07.17 Schmidt		
Index: a Original		scale/Maßstab:		dwg no / Z.-nr.: 16K1A3952		
Status: InBearbeitung		2:1		DIN-A3		
RoHS compliant/konform				1 / 2		
						

Technical drawing of a PCB edge connector showing dimensions and tolerances. The drawing includes a top view and a side view. The top view shows a series of circular holes (vias) arranged in a grid. The side view shows the profile of the connector, including the mounting holes and the edge of the PCB.

Key dimensions and tolerances:

- Overall width: $24,84 \pm 0,1$
- Overall height: $16,06$
- Mounting hole diameter: $\varnothing 3,1 \pm 0,1$ (4x)
- Mounting hole spacing: $7,99$
- PCB edge/Leiterplatten Kante
- Connector hole diameter: $\varnothing 1^{+0,1}_{-0} (74x)$
- Connector hole spacing: $2,84 \pm 0,1$ (3,81)
- Connector hole offset: $14,64 \pm 0,1$
- Connector hole offset: $2,84 \pm 0,1$
- Connector hole offset: $7,99 \pm 0,1$
- Connector hole offset: $23,47 \pm 0,1$
- Connector hole offset: $20,7 \pm 0,1$
- Connector hole offset: $17,96 \pm 0,1$
- Connector hole offset: $15,19 \pm 0,1$
- Connector hole offset: $12,42 \pm 0,1$
- Connector hole offset: $9,68 \pm 0,1$
- Connector hole offset: $6,91 \pm 0,1$
- Connector hole offset: $4,14 \pm 0,1$
- Connector hole offset: $1,4 \pm 0,1$
- Connector hole offset: $2,77 \pm 0,1$
- Connector hole offset: $5,54 \pm 0,1$
- Connector hole offset: $8,28 \pm 0,1$
- Connector hole offset: $11,05 \pm 0,1$
- Connector hole offset: $13,82 \pm 0,1$
- Connector hole offset: $16,56 \pm 0,1$
- Connector hole offset: $19,33 \pm 0,1$
- Connector hole offset: $22,1 \pm 0,1$
- Connector hole offset: $63,5 \pm 0,13$



		 dim. in mm		D-SUB DUAL PORT 15.88mm 37pos. Female / 37pos. Female with threaded lock, metal bracket and fixing plate	
		Date/ Datum 25.07.17	Name Lehmenkühler	D-SUB DUAL PORT 15.88mm 37pol. Buchse / 37pol. Buchse mit Gewindebolzen, Metallwinkel und Zentrierplatte	
		drawn/ gez. appd./ gepr...	25.07.17 Schmidt		
Index: a Original	scale/Maßstab: 2:1			dwg no / Z.-nr.:	16K1A3952
Status: InBearbeitung					
RoHS compliant/ konform					2 / 2