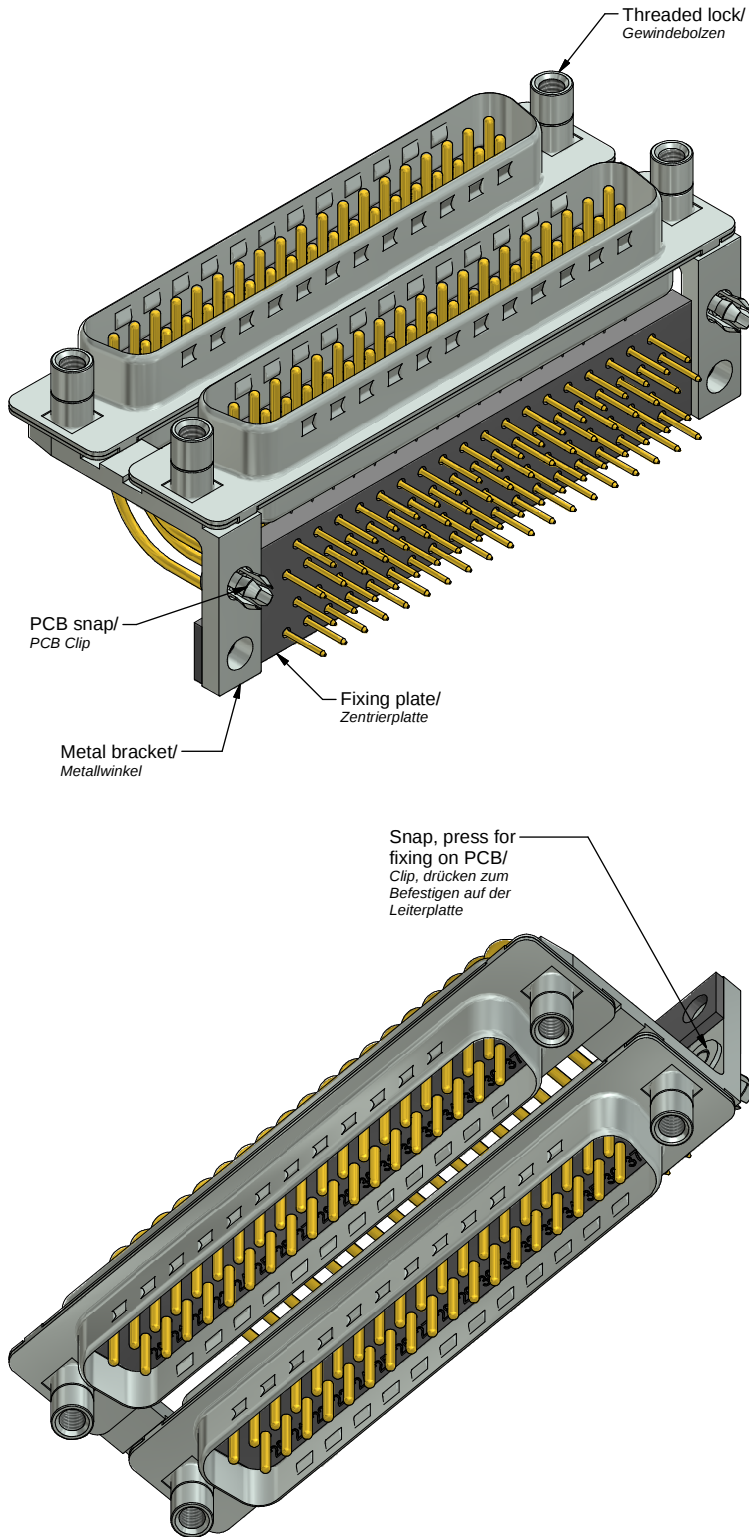




Technical specification:

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, black/schwarz
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, black/schwarz
PCB snap/ PCB Clip:	Cu alloy, Sn over Ni

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
PCB thickness/ Leiterplatten Dicke:	1,6 mm

Part no./ Part Marked/ Art.-Nr. / Bedruckung:	Quality class/ Gütestufe:	Contact plating/ Kontakt Veredelung:
163A19439X	3	Gold flash over nickel Gold über Nickel
163B19439X	2	20 µin hard gold over min. 50 µin nickel 20 µin Gold über min. 50 µin Nickel
163C19439X	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. Male / 37pos. Male with threaded lock,metal bracket,fixing plate,PCB snap	
		Date/datum		Name		D-SUB DUAL PORT 15.88mm 37pol. Stift / 37pol. Stift mit Gewindebolzen,Metallwinkel,Zentrierplatte,PCB Clip	
		drawn/ gez.		16.01.17 Lehmenkühler			
		appd./ gepr.		16.01.17 Schmidt			
Index: a Original		scale/maßstab: 2:1				dwg no /	
Status: InBearbeitung						Z.-nr.: 16K1A3891	
RoHS compliant/ konform							
						DIN- A3	
						1 / 2	

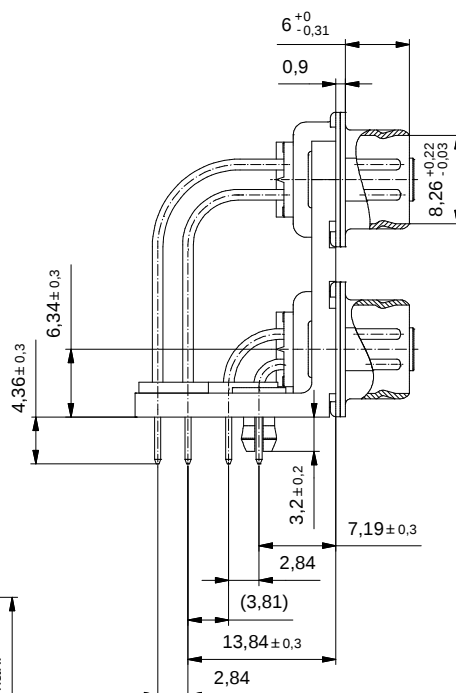
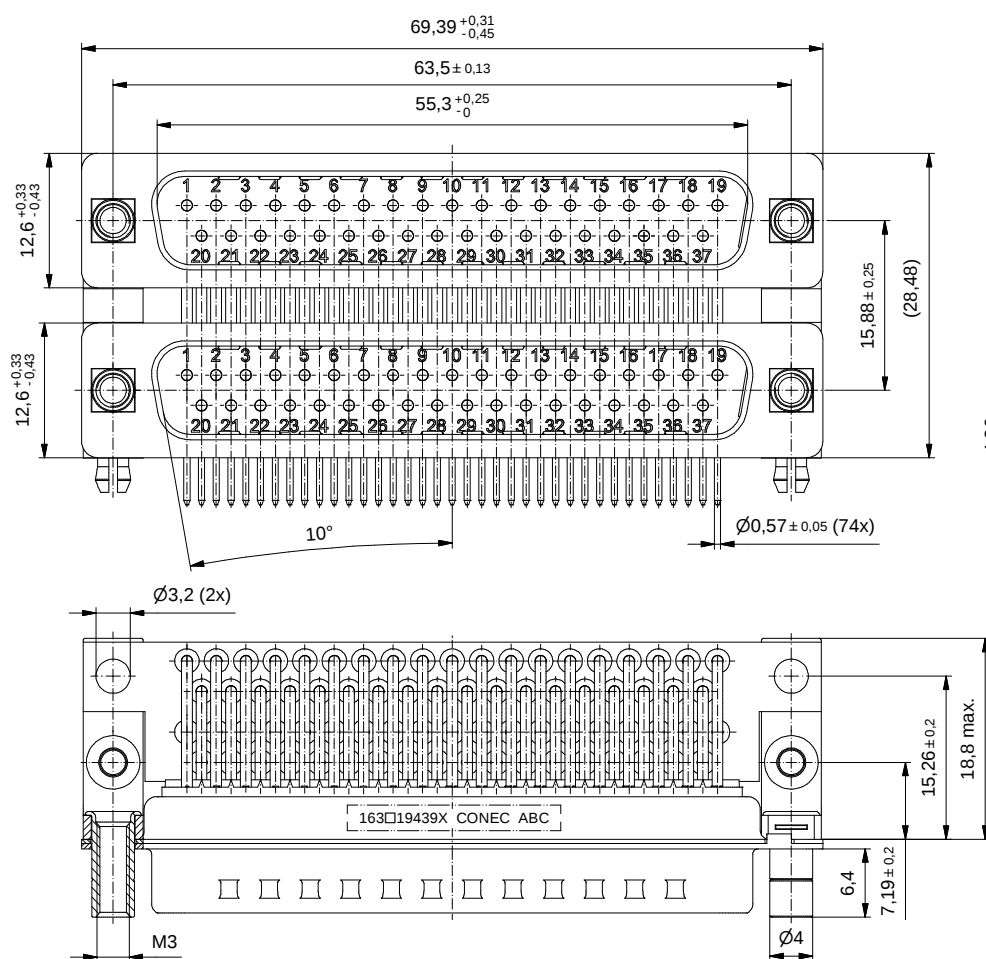
Technical drawing of a PCB edge connector layout. The drawing shows a series of circular holes along a horizontal edge, with dimensions indicating the positions of the holes and the overall layout.

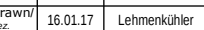
Dimensions (mm):

- Overall width: $63,5 \pm 0,13$
- Overall height: $16,16$
- Distance from top edge to first row of holes: $8,09$
- Distance between rows of holes: $2,84 \pm 0,1$ (3,81)
- Distance from bottom edge to first row of holes: $8,09 \pm 0,1$
- Distance from bottom edge to second row of holes: $14,74 \pm 0,1$
- Distance from bottom edge to third row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to fourth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to fifth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to sixth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to seventh row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to eighth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to ninth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to tenth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to eleventh row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to twelfth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to thirteenth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to fourteenth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to fifteenth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to sixteenth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to seventeenth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to eighteenth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to nineteenth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to twentieth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to twenty-first row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to twenty-second row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to twenty-third row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to twenty-fourth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to twenty-fifth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to twenty-sixth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to twenty-seventh row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to twenty-eighth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to twenty-ninth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to thirtieth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to thirty-first row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to thirty-second row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to thirty-third row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to thirty-fourth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to thirty-fifth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to thirty-sixth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to thirty-seventh row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to thirty-eighth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to thirty-ninth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to fortieth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to forty-first row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to forty-second row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to forty-third row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to forty-fourth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to forty-fifth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to forty-sixth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to forty-seventh row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to forty-eighth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to forty-ninth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to fiftieth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to fifty-first row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to fifty-second row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to fifty-third row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to fifty-fourth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to fifty-fifth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to fifty-sixth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to fifty-seventh row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to fifty-eighth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to fifty-ninth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to sixtieth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to sixty-first row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to sixty-second row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to sixty-third row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to sixty-fourth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to sixty-fifth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to sixty-sixth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to sixty-seventh row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to sixty-eighth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to sixty-ninth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to seventieth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to seventy-first row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to seventy-second row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to seventy-third row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to seventy-fourth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to seventy-fifth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to seventy-sixth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to seventy-seventh row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to seventy-eighth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to seventy-ninth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to eightieth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to eighty-first row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to eighty-second row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to eighty-third row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to eighty-fourth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to eighty-fifth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to eighty-sixth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to eighty-seventh row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to eighty-eighth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to eighty-ninth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to ninetieth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to ninety-first row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to ninety-second row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to ninety-third row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to ninety-fourth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to ninety-fifth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to ninety-sixth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to ninety-seventh row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to ninety-eighth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to ninety-ninth row of holes: $2,84 \pm 0,1$
- Distance from bottom edge to one hundredth row of holes: $2,84 \pm 0,1$

Labels:

- PCB edge/Leiterplatten Kante
- $\varnothing 3,1 \pm 0,1$ (4x)
- $\varnothing 1^{+0,1}_{-0}$ (74x)



			dim. in mm	D-SUB DUAL PORT 15.88mm 37pos. Male / 37pos. Male with threaded lock,metal bracket,fixing plate,PCB snap						
		<table><tr><td>Date/Datum</td><td>Name</td></tr><tr><td>16.01.17</td><td>Lehmenkühler</td></tr><tr><td>16.01.17</td><td>Schmidt</td></tr></table>	Date/Datum	Name	16.01.17	Lehmenkühler	16.01.17	Schmidt		D-SUB DUAL PORT 15.88mm 37pol. Stift / 37pol. Stift mit Gewindebolzen, Metallwinkel, Zentrierplatte, PCB Clip
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Index: a Original	scale/Maßstab: 2:1		dwg no /	DIN-A3						
Status: InBearbeitung			Z.-nr.:		16K1A3891					
RoHS compliant/ konform					2 / 2					