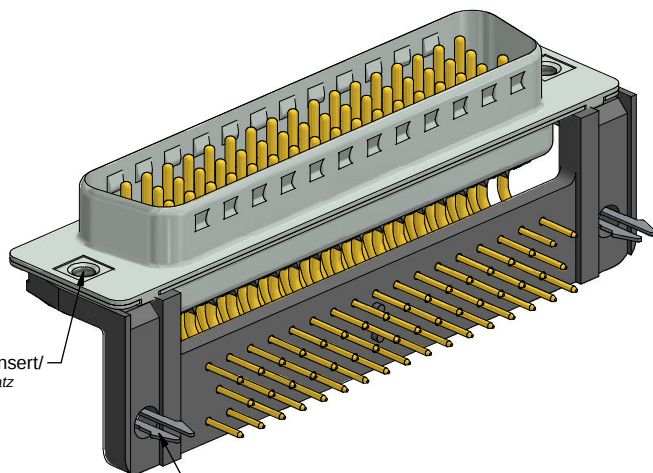
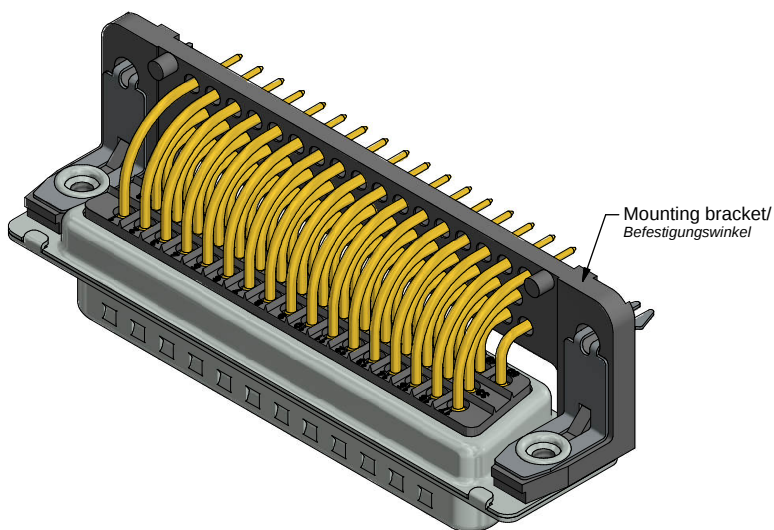




Threaded insert/
Gewindeeinsatz

Grounding clip/
Erdungsclip



Mounting bracket/
Befestigungswinkel

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
Mounting bracket/ Befestigungswinkel:	PBT GF UL 94 V-0
Threaded insert/ Gewindeeinsatz:	Cu alloy, Sn over Ni
Grounding clip/ Erdungsclip:	Cu alloy, Tin plated

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
PCB snap for hole diameter/ PCB Clip für Lochdurchmesser:	$\varnothing 3,1 \text{ mm}$

②

Part no. / Part marked/ Art.-Nr. / Bedruckung:	Quality class/ Gütestufe:	Contact plating/ Kontakt Veredelung:
163A18709X	3	Gold flash over nickel Gold über Nickel
163B18709X	2	20 µin hard gold over min. 50 µin nickel 20 µin Gold über min. 50 µin Nickel
163C18709X	1	30 µin hard gold over min. 50 µin nickel 30 µin Gold über min. 50 µin Nickel

						60 pin D-sub 90° 50 pin Male										
				dim. in mm		D-SUB Male 90° 50pos. 0.370 inch with threaded insert, mounting bracket and grounding clip										
		<table><tr><td>drawn/ gez.</td><td>Date/Datum</td><td>Name</td></tr><tr><td>appd./ gepr.</td><td>04.09.2009</td><td>Sonnenberg</td></tr><tr><td></td><td>04.09.2009</td><td>Koch</td></tr></table>		drawn/ gez.	Date/Datum	Name	appd./ gepr.	04.09.2009	Sonnenberg		04.09.2009	Koch			D-SUB Stiftleiste 90° 50pol. 9,4 mm mit Gewindeeinsatz, Befestigungswinkel und Erdungsclip	
drawn/ gez.	Date/Datum	Name														
appd./ gepr.	04.09.2009	Sonnenberg														
	04.09.2009	Koch														
Index: b Ä6981 28.11.17 L.U.		scale/Maßstab: 2:1				dwg no / Z.-nr.: 16K1A2539		DIN- A3								
Status: InBearbeitung																
RoHS compliant/ konform								1 / 2								



dim. in mm

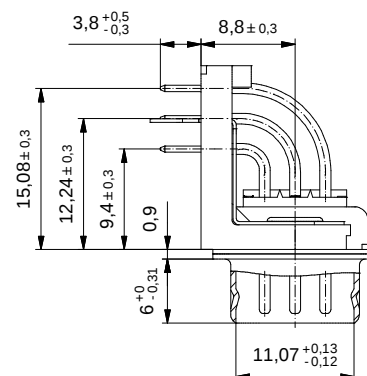
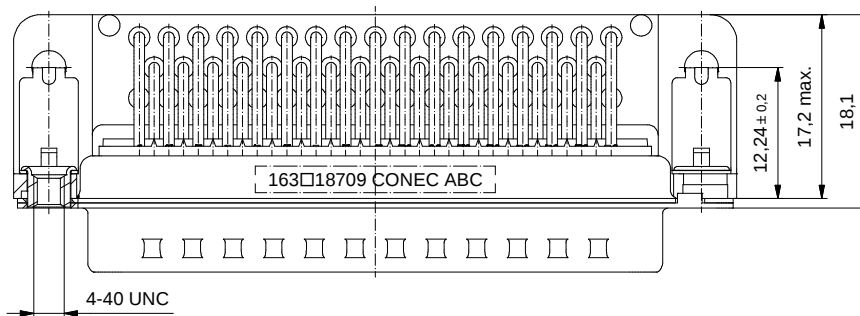
drawn/ gez.	Date/ Datum	Name
appd./ gepr.	04.09.2009	Sonnenberg
	04.09.2009	Koch

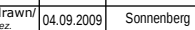
CONEC®

Technical drawing of a PCB layout for a 100-pin connector. The drawing shows a top-down view of the connector area with dimensions in millimeters. The connector is a 100-pin D-subminiature connector. The drawing includes dimensions for the overall size, pin pitch, and individual pin locations. The dimensions are given in millimeters with tolerances. The drawing is labeled "100-PIN-CONNECTOR" and "100-PIN-CONNECTOR".

Key dimensions and features:

- Overall width: $61,11^{+0,13}_{-0,12}$ mm
- Overall height: $13,14$ mm
- Pin pitch: $\varnothing 1^{+0,1}_{-0}$ (50x)
- Pin diameter: $\varnothing 3,1 \pm 0,1$ (2x)
- PCB edge/Leiterplatten Kante
- Individual pin dimensions (from left edge):
 - $2,77 \pm 0,1$
 - $5,54 \pm 0,1$
 - $8,28 \pm 0,1$
 - $11,05 \pm 0,1$
 - $13,82 \pm 0,1$
 - $16,56 \pm 0,1$
 - $19,33 \pm 0,1$
 - $22,1 \pm 0,1$
- Individual pin dimensions (from right edge):
 - $2,84 \pm 0,1$
 - $2,84 \pm 0,1$
 - $10,3 \pm 0,1$
- Individual pin dimensions (from center):
 - $1,4 \pm 0,1$
 - $4,14 \pm 0,1$
 - $6,91 \pm 0,1$
 - $9,68 \pm 0,1$
 - $12,42 \pm 0,1$
 - $15,19 \pm 0,1$
 - $17,96 \pm 0,1$
 - $20,7 \pm 0,1$



				dim. in mm		D-SUB Male 90° 50pos. 0.370 inch with threaded insert, mounting bracket and grounding clip	
		drawn/ gez. appd./ gepr...	Date/Datum 04.09.2009	Name Sonnenberg		D-SUB Stiftheiste 90° 50pol. 9,4 mm mit Gewindeinsatz, Befestigungswinkel und Erdungclip	
Index: b Ä6981 28.11.17 L.U.	scale/Maßstab: 2:1			dwg no / Z.-nr.:		16K1A2539	DIN-A3
Status: InBearbeitung							
RoHS compliant/ konform							2 / 2

[illegible]