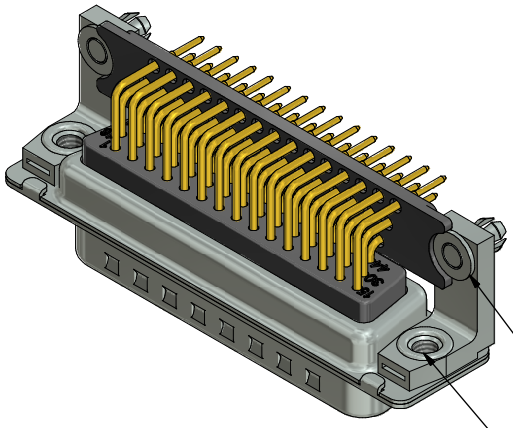
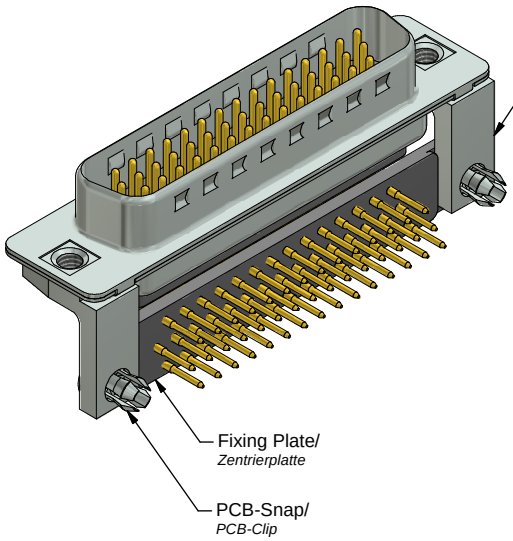
Technical specification:
Technische Daten:

Working voltage/ *Betriebsspannung:*	60 V AC
Insultion resistance/ *Isolationswiderstand:*	≥5 GΩ
Dielectric withstanding voltage/ *Spannungsfestigkeit:*	1000 V, 50 Hz, 1 min.
Temperature range/ *Temperaturbereich:*	-55 ℃ ... +125 ℃
Current rating/ *Strombelastbarkeit:*	3,0 A (UL, VDE) / 2,5 A (CSA)
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*
Fixing-Plate/ *Zentrierplatte:*	PBT GF UL 94 V-0, black/ *schwarz*
Shell/ *Gehäuse:*	Steel, Sn over Ni
Metal bracket/ Metallwinkel:	GD-Zn, Sn over Ni
Threaded insert/ *Gewindeeinsatz:*	Cu alloy, Sn over Ni
PCB-Snap/ *PCB-Clip:*	Cu alloy, Sn over Ni



Installation specifiation/
Montagedaten:

Maximum torque Value for thread/ *empfohlenes Drehmoment für Gewinde:*	6 in.LB/ *67 Ncm*
PCB-Snap for hole diameter/ *PCB-Clip für Lochdurchmesser:*	∅3,1 mm
Circuit board thickness/ *Leiterplattenstärke:*	1,6 mm
PCB-Hole drillings/ *Leiterplattenbohrbild:*	see sheet 2/ *siehe Seite 2*

Part no. / Part Marked/ *Art.-Nr./ Bedruckung:*	Contact plating/ *Kontakt Veredelung:*
163A17829X	Gold Flash over Nickel *Gold über Nickel*
163B17829X	20 µin Hard Gold over min. 50 µin Nickel *20 µin Gold über min. 50 µin Nickel*
163C17829X	30 µin Hard Gold over min. 50 µin Nickel *30 µin Gold über min. 50 µin Nickel*

dim. in mm

	Date/*Datum*	Name
drawn/ *gez.*	29.09.16	Lehmenkühler
appd./ *gepr.*	29.09.16	Schmidt

D-SUB HD Male 90°44pos. Solder pin angled 0.350 in ch threaded insert, metal bracket, fixing plate, snap
D-SUB HD Stift 90°44pos. Lötstift abgewinkelt 7.98 mm Gewindeeinsatz, Metallwinkel, Zentrierplatte, Clip

Index: a Original	scale/*Maßstab:* 2:1	dwg no / *Z.-nr.:* 16K1A3847
Status: InBearbeitung		DIN-A3
RoHS & REACH compliant/ *konform*		1 / 2

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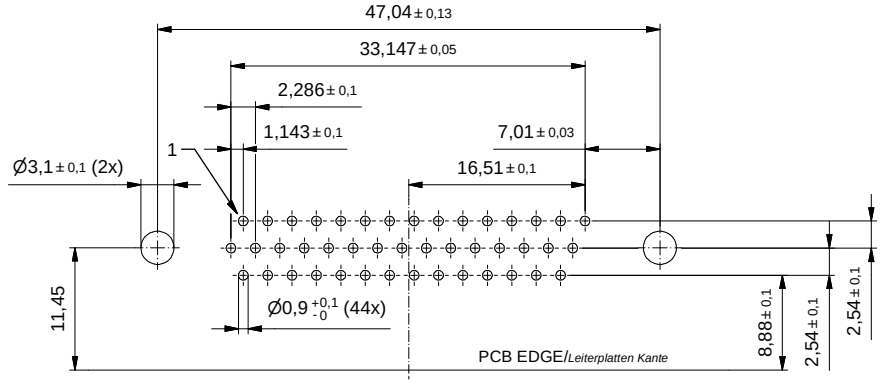
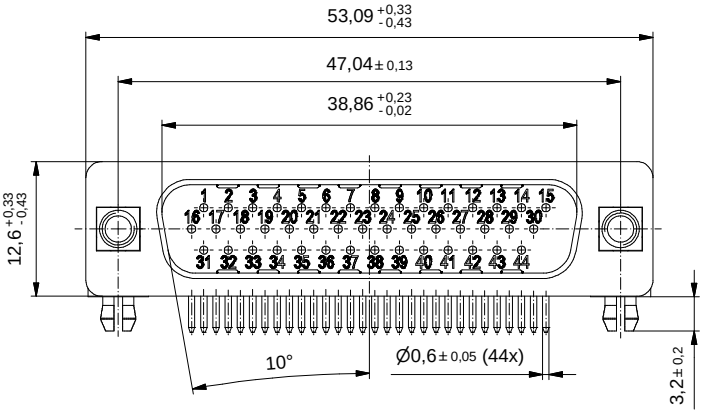
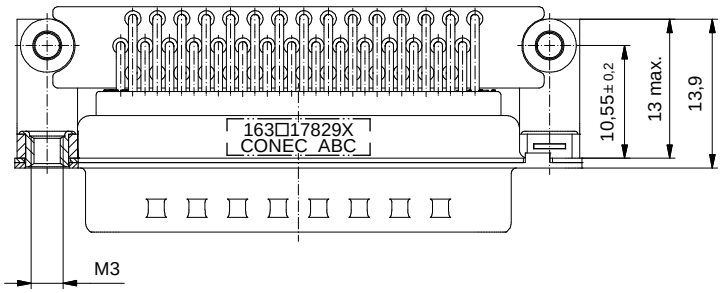
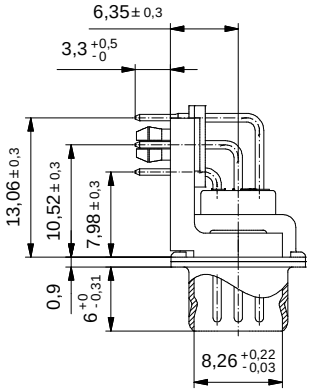
PCB Hole drillings
(PCB Top side)/
Leiterplattenbohrbild
(Leiterplatten Oberseite):









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Status: InBearbeitung			
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