

**(b) Technical specification/
Technische Daten:**

Working voltage/ Betriebsspannung: IEC 664-1	100 VDC
Current rating/ Strombelastbarkeit:	7,5 A (UL) / 5 A (CSA, VDE)
Insulation resistance/ Isolationswiderstand:	≥ 1 GΩ
Dielectric withstanding voltage/ Spannungsfestigkeit (DWV):	424 VDC
Temperature working range/ Umgebungstemperatur:	- 25 °C ... + 105 °C
Capacitance value/ Kapazitätswert:	830 pF ± 20 %
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 Contact tails pretinned/ Kontaktspitzen verzinkt
Insulator/ Isolierkörper:	High temp. PA UL 94 V-0
Shell/ Gehäuse:	Steel, Sn over Ni
Metal bracket/ Metallwinkel:	GD-Zn, Sn over Ni
Threaded insert/ Gewindeeinsatz:	Cu alloy, Sn over Ni
Fixing-plate/ Zentrierplatte:	High temp. PA UL 94 V-0

**Installation specification/
Montagedaten:**

Solder parameter/ Lötparameter:	
Solder preheat temperature/ Vorheiztemperatur:	100 °C for 30 sec./ 100 °C für 30 Sek.
Solder bath temperature/ Lötbadtemperatur:	260 °C for 5 sec./ 260 °C für 5 Sek.
PCB hole drillings/ Leiterplattenbohrbild:	see sheet 2/ siehe Seite 2
Recommended torque value for thread/ Empfohlenes Drehmoment für Gewinde:	max. 6 in.LB/ max. 67 Ncm

Metal bracket/
Metallwinkel

Fixing-plate/
Zentrierplatte (b)

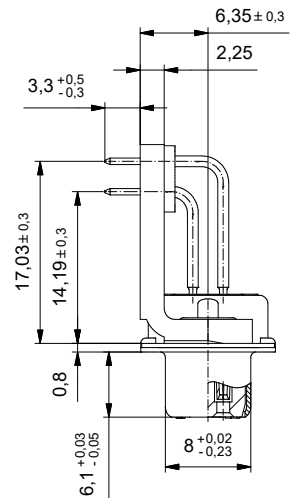
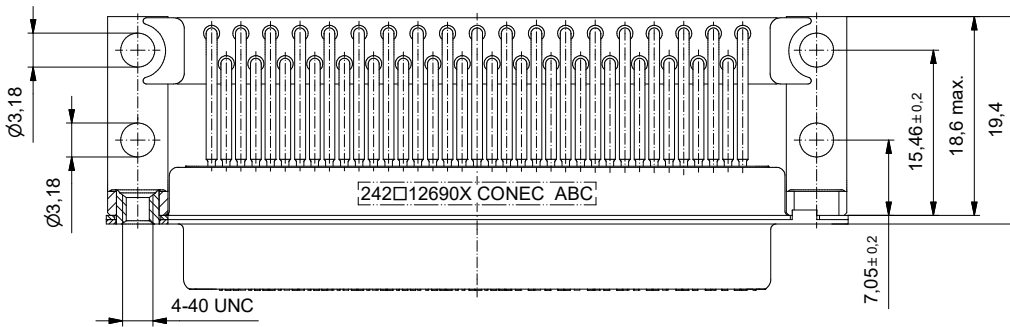
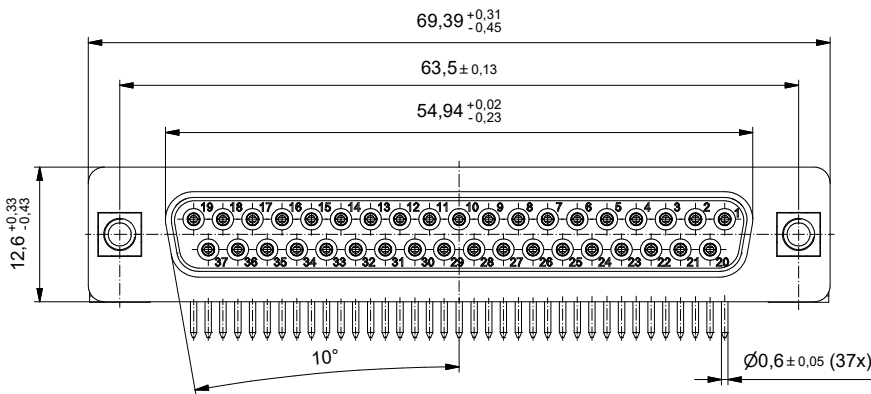
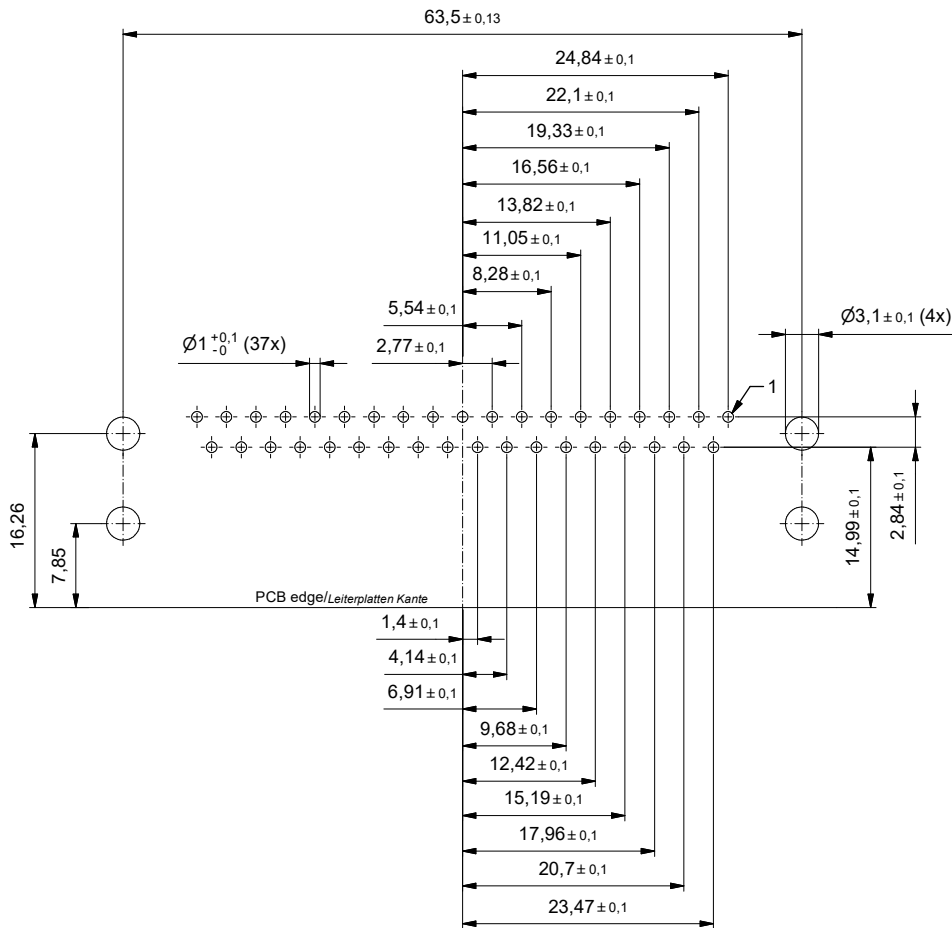
Threaded insert/
Gewindeeinsatz

Part no./part marked/ Art.-Nr./Bedruckung:	Quality class/ Gütestufe:	Contact plating/ Kontakt Veredelung:
242A12690X	3	Gold flash over nickel Gold über Nickel
242B12690X	2	20 µin hard gold over min. 50 µin nickel 20 µin Gold über min. 50 µin Nickel
242C12690X	1	30 µin hard gold over min. 50 µin nickel 30 µin Gold über min. 50 µin Nickel

		D-SUB C-Filter female 37pos. solder pin angled 0.590 inch with metal bracket, threaded insert and fixing plate D-SUB C-Filter Buchse 37pol. Lötstift abgewinkelt 14,19 mm mit Metallwinkel, Gewindeeinsatz und Zentrierplatte										
<table border="1"> <tr> <td>Date/Datum</td> <td>Name</td> </tr> <tr> <td>16.05.19</td> <td>Unkrüer</td> </tr> <tr> <td>appd./gepr.</td> <td>Schmidt</td> </tr> </table>		Date/Datum	Name	16.05.19	Unkrüer	appd./gepr.	Schmidt	<table border="1"> <tr> <td>dwg no / Z.-nr.:</td> <td>24K1A1871</td> <td>DIN-A3</td> </tr> </table>		dwg no / Z.-nr.:	24K1A1871	DIN-A3
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PCB hole drillings
(PCB top side)
Leiterplattenbohrbild
(Leiterplatten Oberseite)



		dim. in mm		D-SUB C-Filter female 37pos. solder pin angled 0.590 inch with metal bracket, threaded insert and fixing plate D-SUB C-Filter Buchse 37pol. Lötstift abgewinkelt 14,19 mm mit Metallwinkel, Gewindeinsatz und Zentrierplatte	
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drawn/ gez.	16.05.19	Unkrüer			
appd./ gepr.	20.05.19	Schmidt			
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