

Technical specification/

Technische Daten:

Dielectric withstanding voltage/ Spannungsfestigkeit:	1000 V, 50 Hz 1 min.
Current rating/ Strombelastbarkeit:	Signal contact 7,5 A (UL), Signalkontakt 5 A (CSA,VDE) High power press-fit contact 30 A Hochstrom Press-Fit Kontakt
Insulation resistance/ Isolationswiderstand:	$\geq 5 \text{ G}\Omega$
Temperature range/ Temperaturbereich:	- 55 °C ... + 125 °C
Mating cycles/ Steckzyklen:	Quality class 3 = 50 Gütestufe 3

Materials/

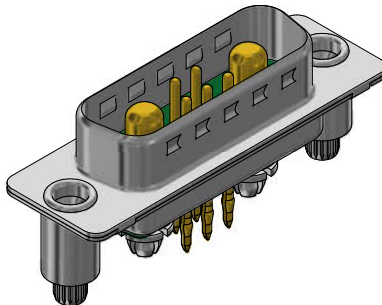
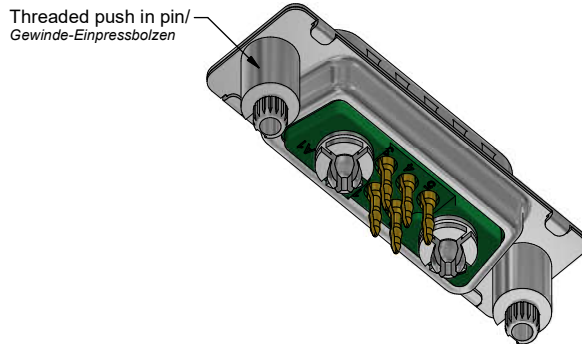
Werkstoffe:

Signal contact/ Signalkontakt:	Cu alloy, Au over Ni
High power press-fit contact/ Hochstrom Press-Fit Kontakt:	Cu alloy, mating side/ Au over Ni press-fit area / Press-Fit Bereich Sn over Ni
Insulator/ Isolierkörper:	PBT GF UL 94 V-0, green/grün
Shell/ Gehäuse:	Steel, Sn over Ni
Threaded push in pin/ Gewinde-Einpressbolzen:	Cu alloy, Sn

Installation specification/

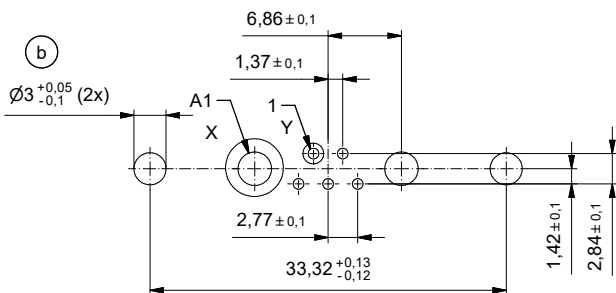
Montagedaten:

Recommended torque value for thread/ Empfohlenes Drehmoment für Gewinde:	max. 6 in.LB/ max. 67 Ncm
PCB thickness/ Leiterplattenstärke:	min. 2,0 mm



Part no. / Part marked Art.-Nr. / Bedruckung:	Contact plating/ Kontakt Veredelung:			
3007W2PAPP1W20X	Signal contact Signalkontakt:	gold flash over nickel Gold über Nickel		
	High power press-fit contact 30 A/ Hochstrom Press-Fit Kontakt 30 A:	plating, mating side: Veredelung, Steckseite: plating, press-fit area: Veredelung, Press-Fit Bereich:	30 µin hard gold over min. 50 µin nickel 30 µin Gold über min. 50 µin Nickel tin over nickel Zinn über Nickel	
			dim. in mm	D-SUB Combination male 7W2P press-fit with threaded push in pin D-SUB Combination Stiftleiste 7W2P Press-Fit mit Gewinde-Einpressbolzen
		drawn/ gez.	Date/Datum 04.04.2018	
		appd./ gepr.	Name Unkrüer 05.04.2018 Henneboel	
Index: b Ä7466 13.08.18 KHE	scale/ Maßstab: 2:1			dwg no / Z.-nr.: 13K1A5559
Status: InBearbeitung				DIN-A3
RoHS compliant/ konform				1 / 2

PCB hole drillings (PCB top side)/
Leiterplattenbohrbild (Leiterplatten Oberseite)

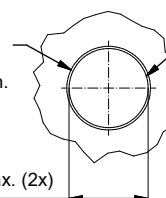


X (5 : 1)

Copper thickness/
Cu Schichtdicke:
25 μ m (1000 μ in) min.

Tin thickness/
Sn Schichtdicke:
15 μ m (600 μ in) max.

Finished hole after reflow/
Endloch: $\varnothing 2.96$ min. - $\varnothing 3.11$ max. (2x)



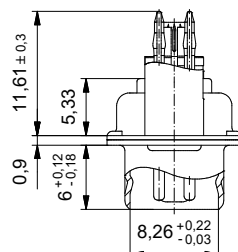
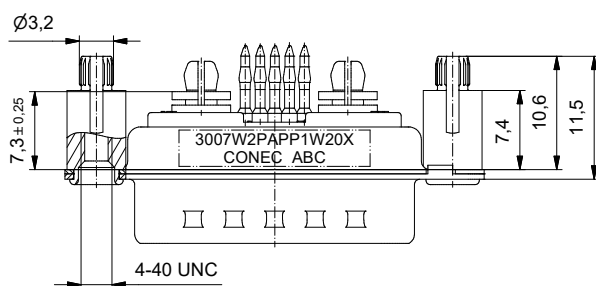
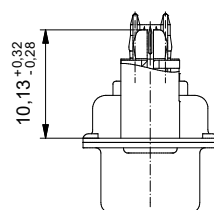
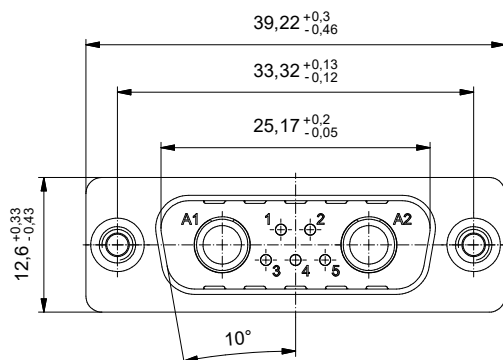
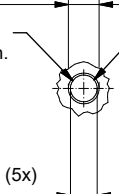
Y (5 : 1)

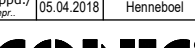
Drilled hole/
Bohrloch $\varnothing 1.15 \pm 0.025$ (5x)

Copper thickness/
Cu Schichtdicke: 25 μ m (1000 μ in) min.

Tin thickness/
Sn Schichtdicke: 15 μ m (600 μ in) max.

Finished hole/
Endloch: $\varnothing 1^{+0.09}_{-0.06}$ (5x)



		 dim. in mm		D-SUB Combination male 7W2P press-fit with threaded push in pin <i>D-SUB Combination Stiftleiste 7W2P Press-Fit mit Gewinde-Einpressbolzen</i>		
		drawn/ gez.	Date/Datum 04.04.2018			Name Unkrüer
		appd./ gepr.	05.04.2018	Henneboel		
Index: b Ä7466 13.08.18 KHE	scale/maßstab: 2:1				dwg no / Z.-nr.: 13K1A5559	DIN- A3
Status: InBearbeitung						
RoHS compliant/ <i>konform</i>						2 / 2