

F I E I D I C I B I A

Technical specification/

Technische Daten:

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

Materials/

Werkstoffe:

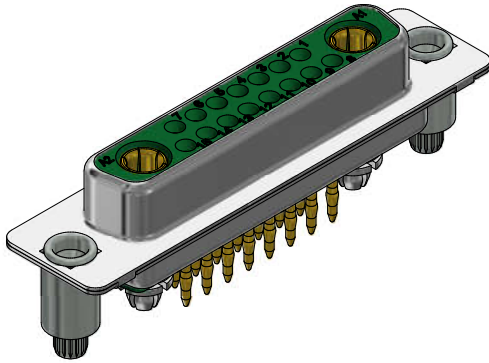
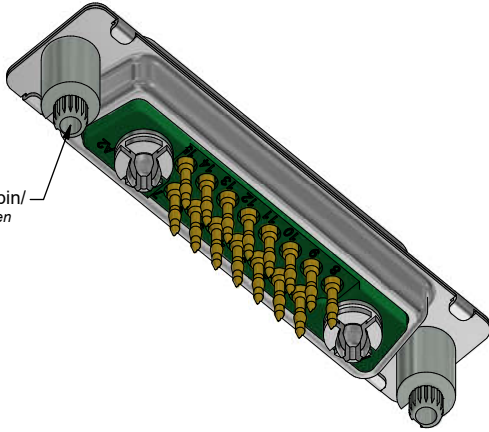
Signal contact/ <i>Signalkontakt:</i>	Cu alloy, Au over Ni
High power press-fit contact/ <i>Hochstrom Press-Fit Kontakt:</i>	Cu alloy, mating side/ <i>Steckseite</i> <i>Au over Ni</i> <i>press-fit area / Press-Fit Bereich</i> Sn over Ni
Insulator/ <i>Isolierkörper:</i>	PBT GF UL 94 V-0, green/ <i>grün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

Installation specification/

Montagedaten:

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

Threaded push in pin/
Gewinde-Einpressbolzen



Part no. / Part marked Art.-Nr. / Bedruckung:		Contact plating/ Kontakt Veredelung:										
3017W2SAPP1W20X		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: 30 µin hard gold over min. 50 µin nickel 30 µin Gold über min. 50 µin Nickel plating, press-fit area: Veredelung, Press-Fit Bereich: tin over nickel Zinn über Nickel									
			dim. in mm									
		<table><tr><td></td><td>Date/datum</td><td>Name</td></tr><tr><td>drawn/ gez.</td><td>05.09.2018</td><td>Henneboel</td></tr><tr><td>appd./ gepr.</td><td>05.09.2018</td><td>Koch</td></tr></table>		Date/datum	Name	drawn/ gez.	05.09.2018	Henneboel	appd./ gepr.	05.09.2018	Koch	D-SUB Combination female 17W2S press-fit with threaded push in pin D-SUB Combination Buchsenleiste 17W2S Press-Fit mit Gewinde-Einpressbolzen
	Date/datum	Name										
drawn/ gez.	05.09.2018	Henneboel										
appd./ gepr.	05.09.2018	Koch										
Index: b Ä7466 13.08.18 KHE	scale/maßstab: 2:1		dwg no / Z.-nr.: 13K1A5684									
Status: Freigegeben			DIN-A3									
RoHS compliant/ konform			1 / 2									

F I E I D I C I B I A

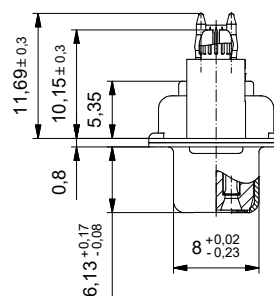
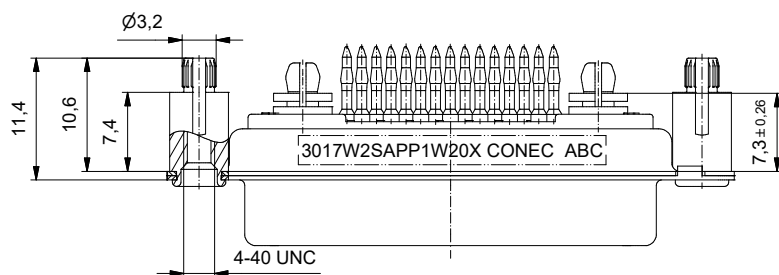
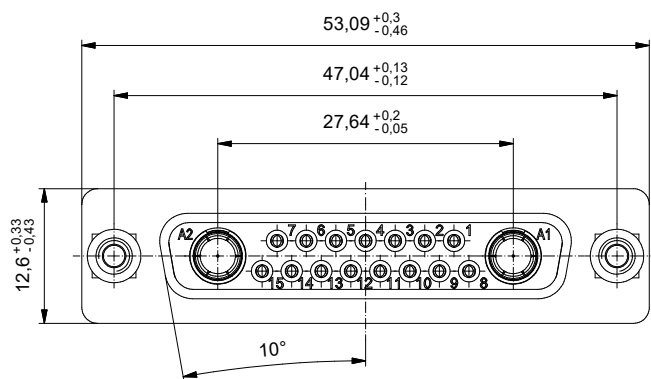
Technical drawing of a mechanical part showing dimensions and labels. The drawing includes a central horizontal axis with several circular features. The dimensions are as follows:

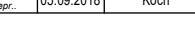
- Overall length: $13,82 \pm 0,1$
- Distance from left edge to first hole center: $8,28 \pm 0,1$
- Distance between first and second hole centers: $5,54 \pm 0,1$
- Distance between second and third hole centers: $2,77 \pm 0,1$
- Distance between third and fourth hole centers: $1,38 \pm 0,1$
- Distance between fourth and fifth hole centers: $4,14 \pm 0,1$
- Distance between fifth and sixth hole centers: $6,91 \pm 0,1$
- Distance from left edge to sixth hole center: $9,68 \pm 0,1$
- Distance from left edge to seventh hole center: $1,42 \pm 0,1$
- Distance from left edge to eighth hole center: $2,84 \pm 0,1$

Labels include 'X' and 'Y' for hole centers, 'A1' for a feature, and '1' for a specific hole. The dimension $\varnothing 3^{+0,05}_{-0,1} (2x)$ is indicated for the first hole. A circled 'b' is also present.

Finished hole after reflow/
Endloch: Ø2,96 min. - Ø3,11 max. (2x)

Finished hole/
Endloch: $\varnothing 1^{+0,09}_{-0,06}$ (15x)



				dim. in mm	D-SUB Combination female 17W2S press-fit with threaded push in pin	
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