

CUSTOMER IS RESPONSIBLE FOR SEALING THE MOUNTING HOLES. THE OTHER PARTS OF THE CONNECTOR ARE CONSIDERED IP67, BUT THE OVERALL SEALING EFFECTIVENESS IS DEPENDENT ON THE CUSTOMER SEALING THE MOUNTING HOLES / HARDWARE.

Ø2,7 (5x)

(5:1)

SEALING COMPOUND

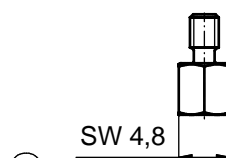
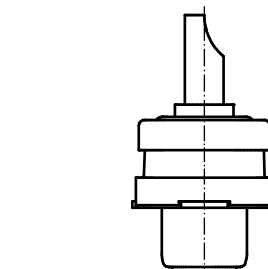
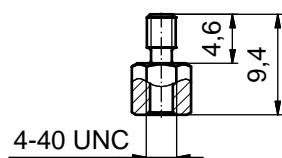
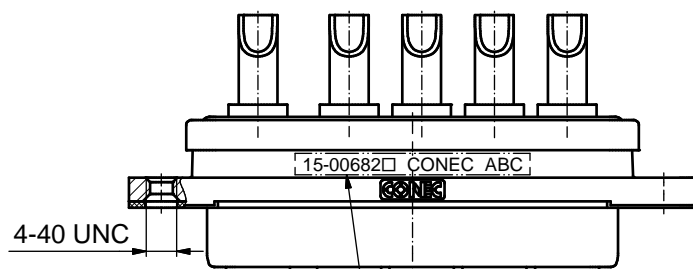
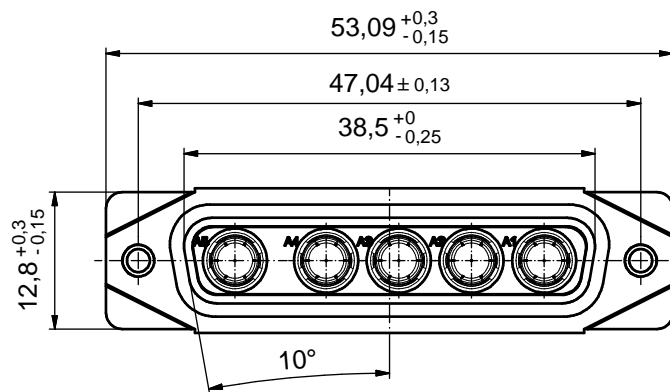
(b)
SEALING GASKET

17,8^{+0,4}_{-0,3}

2,55^{+0,25}₋₀

5,78^{+0,17}_{-0,08}

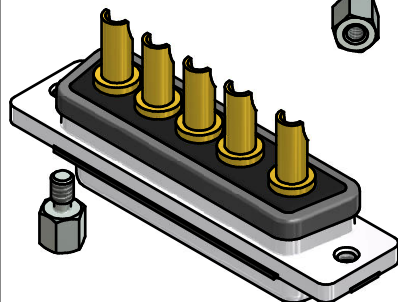
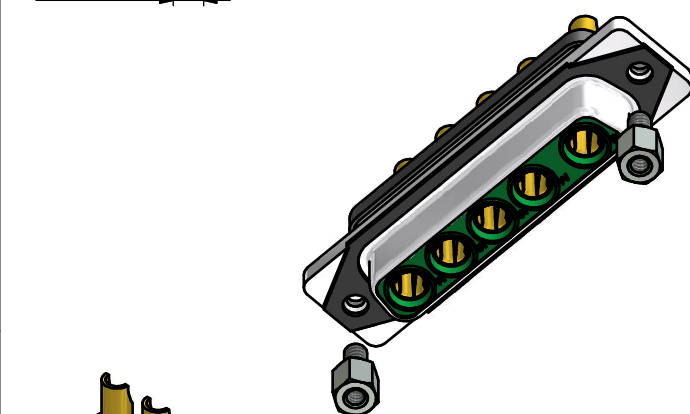
8^{+0,02}_{-0,23}





(b)

NOTES:

1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. IP RATING: IP 67
3. SEALED TO WITHSTAND PRESSURE UP TO 1,45 PSI FOR 30 MINUTES AFTER SOLDERING
4. METAL SHELL: ZINC DIE CAST; min. 50µin NICKEL PLATING over COPPER
5. INSULATOR: PBT GF UL 94 V-0
6. EXTENSION: HIGH TEMPERATURE PLASTIC UL 94-V0
7. SEALING GASKET: SILICONE
8. SEALING COMPOUND: EPOXY
9. HIGH POWER CONTACTS 20A: COPPER ALLOY PLATING, MATING SIDE (SEE PART NO.):
☐ PLEASE ADD 1 for 30µin HARD GOLD over min. 50µin NICKEL
☐ PLEASE ADD 3 for GOLD FLASH over NICKEL
 PLATING, TERMINATION SIDE: GOLD FLASH over NICKEL
 SOLDER CUP ACCEPTS CABLE AWG 12-14
10. HEXLOCKING SCREWS: STAINLESS STEEL
11. RECOMMENDED PANEL CUT-OUT ON SHEET 2
12. RECOMMENDED TORQUE FOR MOUNTING SCREW
 35Ncm (3.1 in.LB) / max. 67Ncm (6 in.LB)
13. CONNECTOR IS PART MARKED: 15-00682 CONEC ABC (see note 9)



RoHS compliant

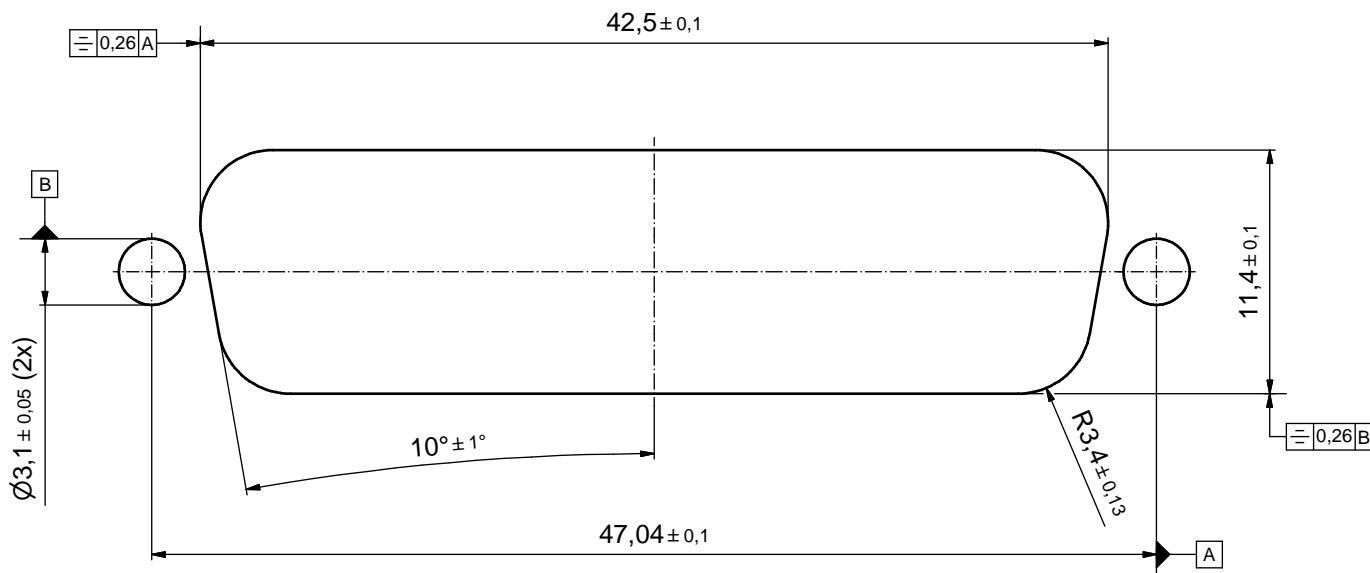
THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH	DO NOT ALTER CAD DRAWING BY HAND				tolerance		 dim. in mm	scale: 2:1 (5:1)	
								material: SEE NOTES	
					date	name	title: D-SUB COMBINATION FEMALE 5W5S SOLDER CUP with open 4-40 UNC thread		
					drawn 15.09.2015	Lehmenkühler			
					appd. 21.09.2015	Fischer			
					norm				
					d-old		dwg no:		DIN-A3
	2 x b	Ä6417	26.06.2017	Unkrüer					
	a	Original					part no: 15-00682 <input type="checkbox"/> (see note 9)		
	rev.	description	date	name					sh: 1



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Solder Instruction

1. Cable should be prepared for soldering. The cable/wires must be pretinned.
2. Insert cable/wire into solder cup.
3. Operate the soldering iron at 350°C, 100 Watt max. and use a pencil tip.
4. Apply some solder to the solder tip of the soldering iron.
5. Put tip to wire in solder cup.
6. After 1 second bring in solder.
7. Heat for 5 seconds longer. Do not heat contact more than 6 seconds in total.
8. Remove soldering iron.
9. Wait until solder gets rigid again.
10. Do not solder adjacent contacts consecutively, alternate position within the connector to minimize heat build up.

RECOMMENDED PANEL CUT-OUT



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							material: SEE SHEET 1
						dim. in mm	title: RECOMMENDED PANEL CUT-OUT D-SUB COMBINATION FEMALE 5W5S SOLDER CUP with open 4-40 UNC thread
						date	
		drawn 15.09.2015	Lehmenkühler				
		appd. 21.09.2015	Fischer	dwg no: 15K1A1664	DIN-A3 sh: 2		
		norm					
		d-old					
				part no: SEE SHEET 1			
a	Original						
rev.	description	date	name				

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