

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

SEALING GASKET

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

2,55^{+0,25}₋₀

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

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

53,09^{+0,3}_{-0,15}

47,04 ± 0,13

38,5⁺⁰_{-0,25}

12,8^{+0,3}_{-0,15}

10°

15-00682 CONEC ABC

4-40 UNC

SEE NOTE 13

4-40 UNC

4,6
9,4

SW 4,8

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)

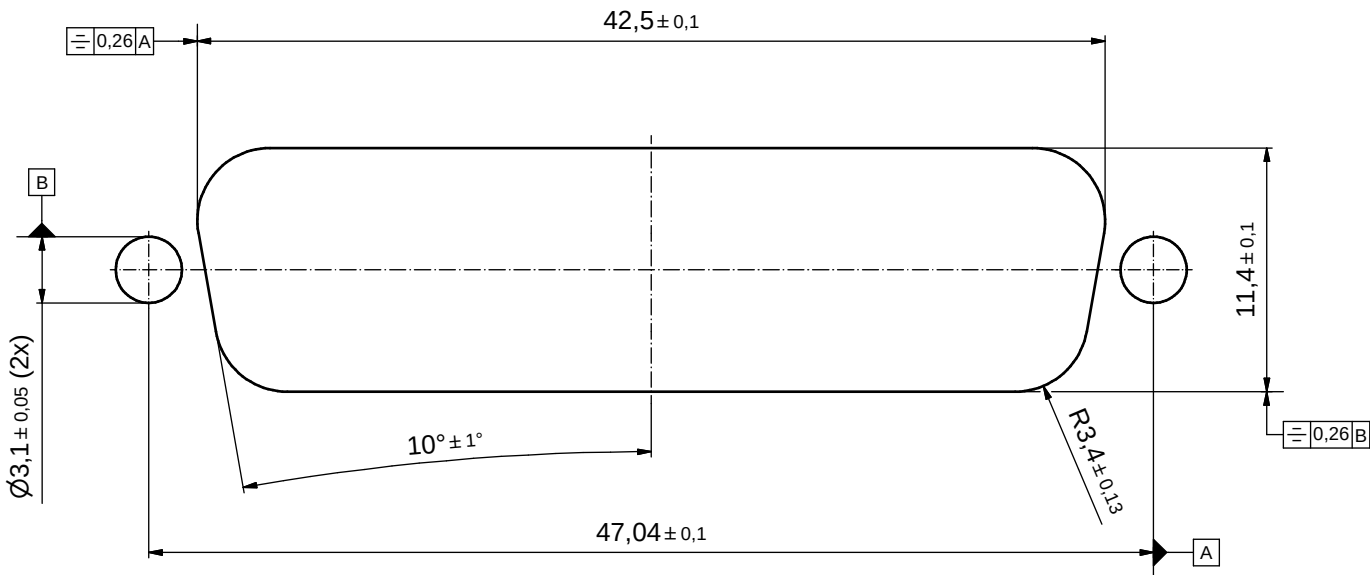
THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH				tolerance		 dim. in mm	scale: 2:1 (5:1)				
							material: SEE NOTES				
								date	name	title: D-SUB COMBINATION FEMALE 5W5S SOLDER CUP with open 4-40 UNC thread	
								drawn: 15.09.2015	Lehmenkühler		
				appd: 21.09.2015	Fischer						
				norm		dwg no: 15K1A1664 DIN-A3 sh: 1					
				d-old							
2 x b	Ä6417	26.06.2017	Unkrüer								
a	Original										
rev.	description	date	name								
DO NOT ALTER CAD DRAWING BY HAND						part no: 15-00682□ (see note 9)					

RoHS compliant

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					
									date	name	title: RECOMMENDED PANEL CUT-OUT 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			
a	Original											
rev.	description	date	name				part no: SEE SHEET 1		sh: 2			