

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

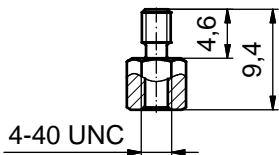
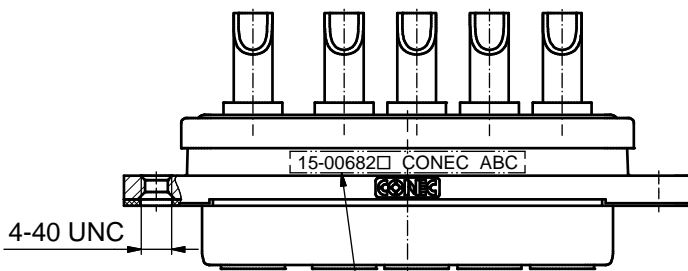
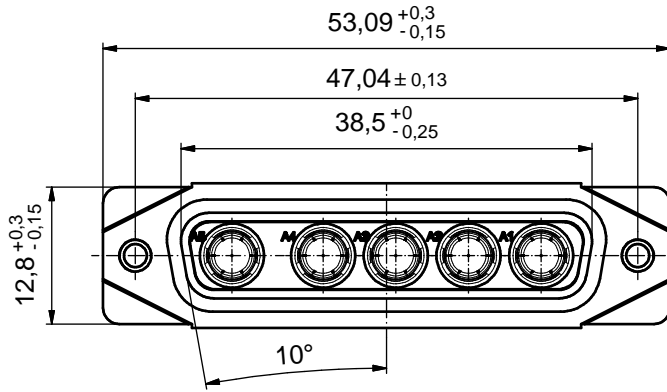
SEALING GASKET

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

2,55^{+0,25}₋₀

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

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

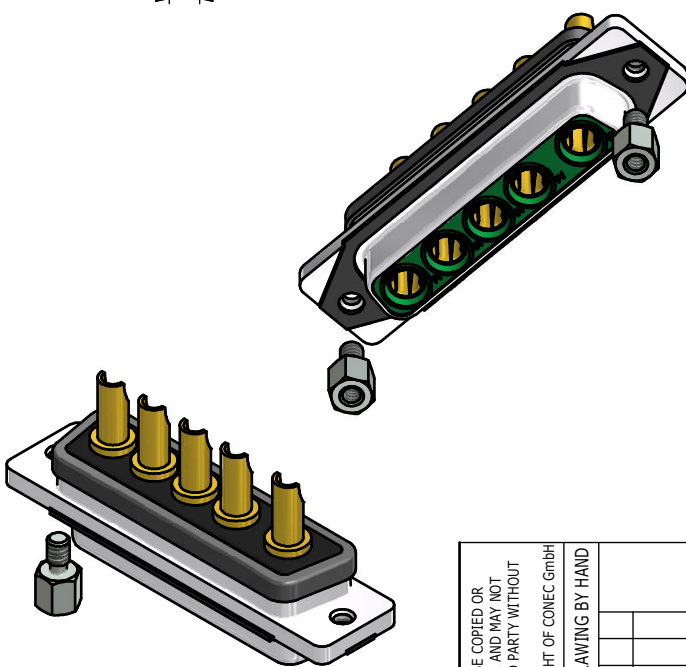


SW 4,8

(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. METALSHELL: 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

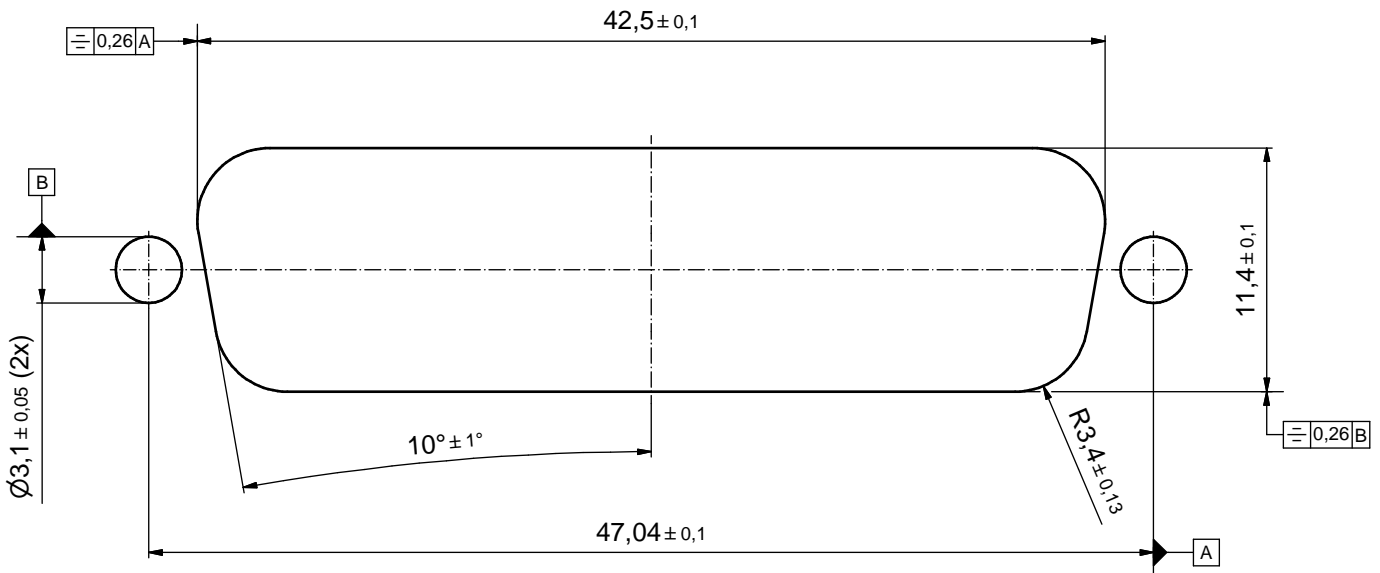
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	date		name		material: SEE NOTES		
	drawn 15.09.2015		Lehmenkühler		title: D-SUB COMBINATION FEMALE 5W5S SOLDER CUP with open 4-40 UNC thread		
	appd. 21.09.2015		Fischer				
norm		d-old		dwg no:			
2 x b		Ä6417		26.06.2017		DIN-A3	
a		Original				sh: 1	
rev.		description		date		name	
						15K1A1664	
						part no: 15-00682 (see note 9)	



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

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