

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.

(5:1)

Ø1,16 (25x)

SEALING COMPOUND

10,69<sup>+0,4</sup><sub>-0,3</sub>

SEALING GASKET

2,55<sup>+0,25</sup><sub>-0</sub>

5,78<sup>+0,17</sup><sub>-0,08</sub>

8<sup>+0,02</sup><sub>-0,23</sub>

53,09<sup>+0,3</sup><sub>-0,15</sub>

47,04 ± 0,13

38,5<sup>+0</sup><sub>-0,25</sub>

12,8<sup>+0,3</sup><sub>-0,15</sub>

10°

15-00641 CONEC ABC

SEE NOTE 12

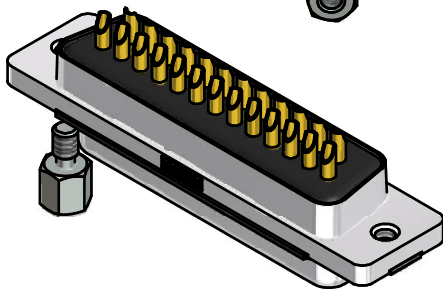
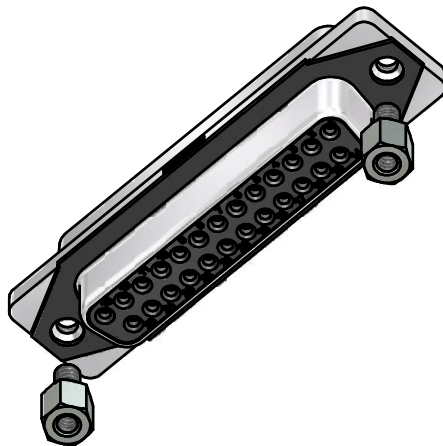
4-40 UNC

4,6

9,4

4-40 UNC

SW 4,8



RoHS compliant

NOTES:

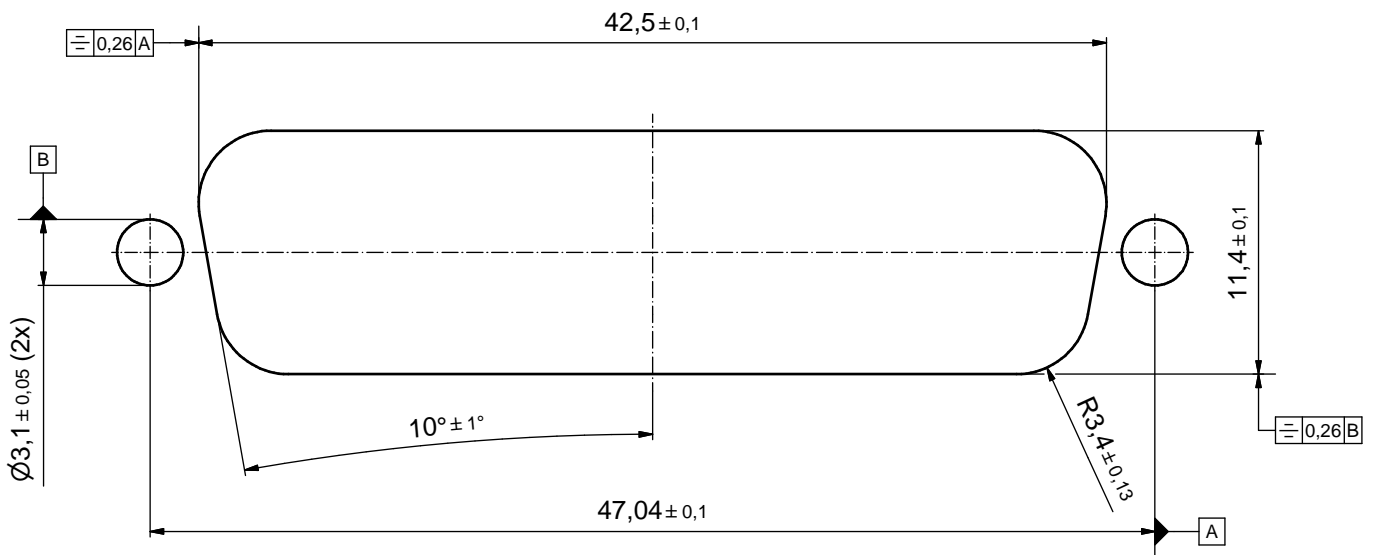
1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. IP RATING: IP 67
3. SEALED TO WITHSTAND PRESSURE UP TO 1,45 PSI FOR 30 MINUTES AFTER SOLDERING
4. METALSHELL: ZINC DIE CAST; min. 50µm NICKEL PLATING over COPPER
5. INSULATORS: PBT GF UL 94 V-0
6. SEALING GASKET: SILICONE
7. SEALING COMPOUND: EPOXY
8. CONTACTS: COPPER ALLOY; PLATING (SEE PART-NO.):  
 PLEASE ADD 1 for 30µm HARD GOLD over min. 50µm NICKEL  
 PLEASE ADD 3 for GOLD FLASH over NICKEL  
 SOLDER CUP ACCEPTS CABLE AWG 20
9. HEXLOCKING SCREWS: STAINLESS STEEL
10. RECOMMENDED PANEL CUT-OUT ON SHEET 2
11. RECOMMENDED TORQUE FOR MOUNTING SCREW  
 35Ncm (3.1 in.LB) / max. 67Ncm (6 in.LB)
12. CONNECTOR IS PART MARKED: 15-00641 CONEC ABC (see note 8)

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		scale: 2:1 (5:1)		
				dim. in mm		material: SEE NOTES		
				date	name	title: <b>D-SUB FEMALE</b> 25pos. SOLDER CUP with open 4-40 UNC thread		
				drawn	29.09.14			Lehmenkühler
				appd.	26.01.15			Fischer
2 x d	Ä6417	17.05.17	Lehm.	norm	dwg no: <b>15K1A1544</b> DIN-A3 sh: 1			
1 x c	Ä5827	25.09.15	Unkrüer	d-old				
2 x b	Ä5800	07.09.15	M.H.	part no: <b>15-00641</b> (see note 8)				
a	Original							
rev.	description	date	name	<b>CONEC</b>				

## 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, 50 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 3 seconds longer. Do not heat contact more than 4 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	29.09.14	Lehmenkühler
				appd.	26.01.15	Fischer
				norm		
			d-old			
1 x c	Ä5827	25.09.15	Unkrüer	<b>RECOMMENDED PANEL CUT-OUT</b> D-SUB FEMALE 25pos. SOLDER CUP with open 4-40 UNC thread		
a	Original					
dwg no:		15K1A1544		DIN-A3		
part no:		SEE SHEET 1		sh: 2		