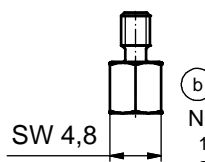
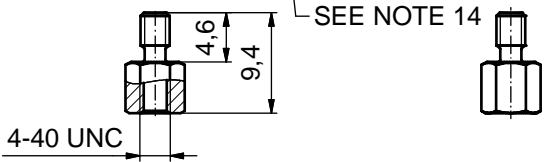
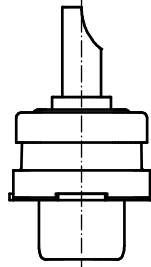
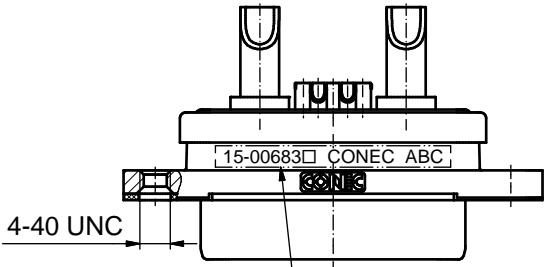
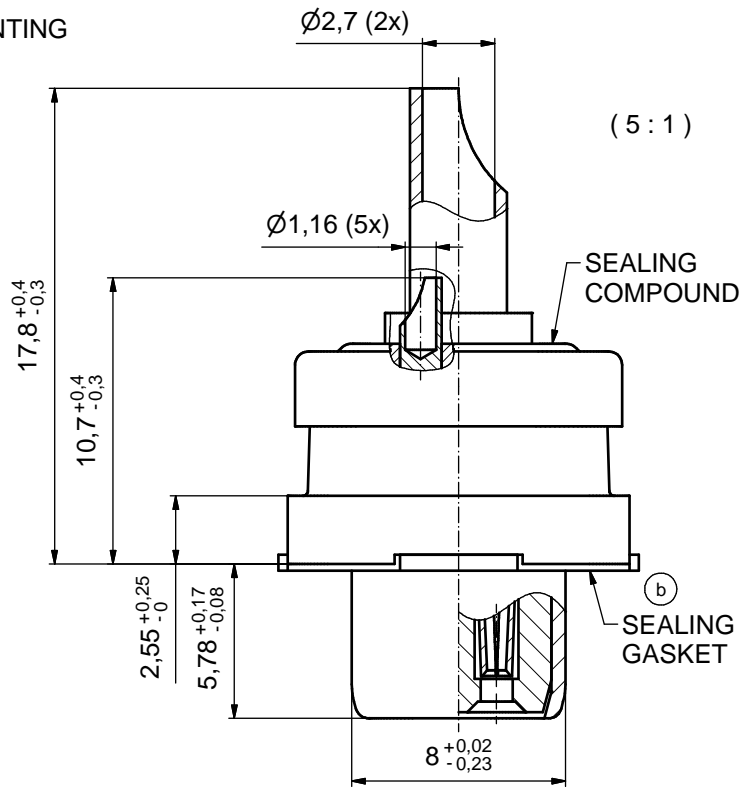
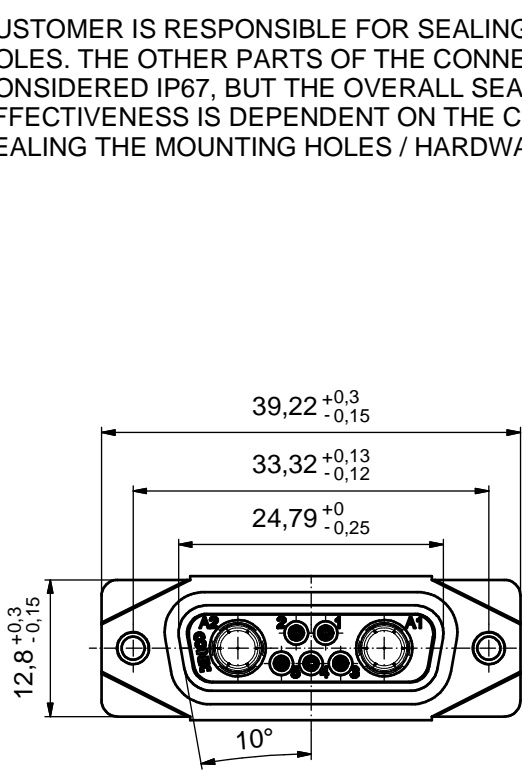
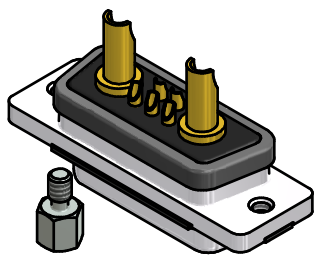
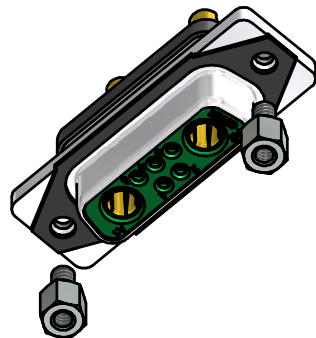


CUSTOMER IS RESPONSIBLE FOR SEALING THE MOUNTING HOLES. THE OTHER PARTS OF THE CONNECTOR ARE CONSIDERED IP67, BUT THE OVERALL SEALING EFFECTIVENESS IS DEPENDENT ON THE CUSTOMER SEALING THE MOUNTING HOLES / HARDWARE.



- 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. 50µm NICKEL PLATING over COPPER
  5. INSULATORS: PBT GF UL 94 V-0
  6. EXTENSION: HIGH TEMPERATURE PLASTIC UL 94-V0
  7. SEALING GASKET: SILICONE
  8. SEALING COMPOUND: EPOXY
  9. SIGNAL CONTACTS: COPPER ALLOY PLATING (SEE PART-NO.):  
30µm HARD GOLD over min. 50µm NICKEL if 1□ in PART NO.  
GOLD FLASH over NICKEL if 3□ in PART NO.  
SOLDER CUP ACCEPTS CABLE AWG20
  10. HIGH POWER CONTACTS 20A: COPPER ALLOY PLATING, MATING SIDE (SEE PART NO.):  
□ PLEASE ADD 1 for 30µm HARD GOLD over min. 50µm NICKEL  
□ PLEASE ADD 3 for GOLD FLASH over NICKEL PLATING, TERMINATION SIDE: GOLD FLASH over NICKEL  
SOLDER CUP ACCEPTS CABLE AWG 12-14
  11. HEXLOCKING SCREWS: STAINLESS STEEL
  12. RECOMMENDED PANEL CUT-OUT ON SHEET 2
  13. RECOMMENDED TORQUE FOR MOUNTING SCREW  
35Ncm (3.1 in.LB) / max. 67Ncm (6 in.LB)
  14. CONNECTOR IS PART MARKED: 15-00683 CONEC ABC (see note 10)



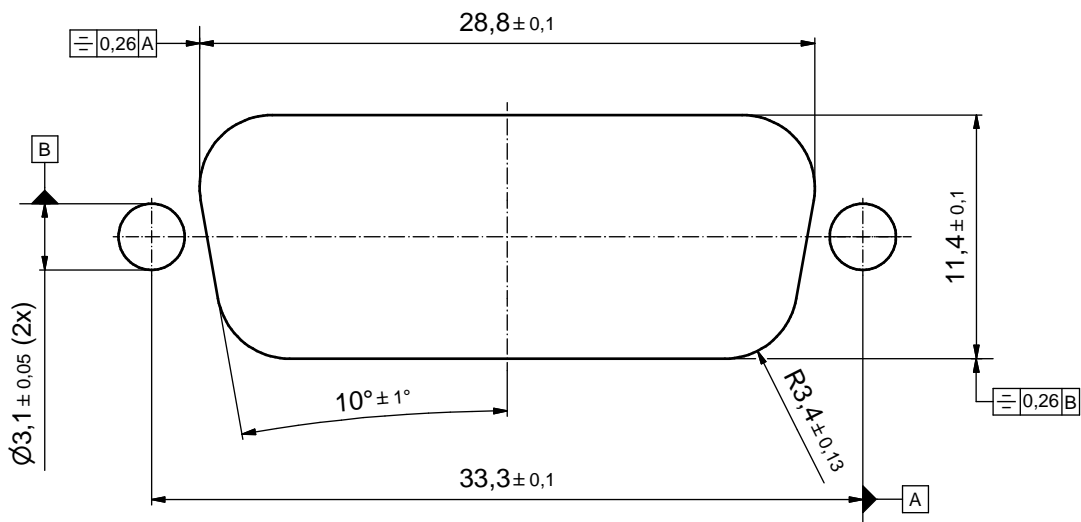
RoHS compliant

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		tolerance			scale:	2:1 (5:1)	
		dim. in mm			material:	SEE NOTES	
DO NOT ALTER CAD DRAWING BY HAND		date	name		title: <b>D-SUB COMBINATION FEMALE</b> 7W2S SOLDER CUP with open 4-40 UNC thread		
		drawn	15.09.2015 Lehmenkühler				
		appd.	21.09.2015 Fischer		dwg no:		DIN-A3
		norm			15K1A1665		sh: 1
2 x b	Ä6417	27.06.2017	Unkrüer			part no:	
a	Original					15-00683□ (see note 10)	
rev.	description	date	name				

## Solder Instruction

1. Cable should be prepared for soldering. The cable/wires must be pretinned.
2. Insert cable/wire into solder cup.
3. Signal Contact
  - 3.1 Operate the soldering iron at 350°C, 50 Watt max. and use a pencil tip.
  - 3.2. Apply some solder to the solder tip of the soldering iron.
  - 3.3. Put tip to wire in solder cup.
  - 3.4. After 1 second bring in solder.
  - 3.5. Heat for 3 seconds longer. Do not heat contact more than 4 seconds in total.
4. Power Contact
  - 4.1 Operate the soldering iron at 350°C, 100 Watt max. and use a pencil tip.
  - 4.2. Apply some solder to the solder tip of the soldering iron.
  - 4.3. Put tip to wire in solder cup.
  - 4.4. After 1 second bring in solder.
  - 4.5. Heat for 5 seconds longer. Do not heat contact more than 6 seconds in total.
5. Remove soldering iron.
6. Wait until solder gets rigid again.
7. Do not solder adjacent contacts consecutively, alternate position within the connector to minimize heat build up.

## RECOMMENDED PANEL CUT-OUT



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					dim. in mm	material: SEE SHEET 1	
				date	name	title:	
				drawn 15.09.2015	Lehmenkühler	RECOMMENDED PANEL CUT-OUT	
				appd. 21.09.2015	Fischer	D-SUB COMBINATION FEMALE 7W2S SOLDER CUP	
				norm		with open 4-40 UNC thread	
				d-old		dwg no:	
a	Original		<b>CONEC</b> <sup>®</sup>			15K1A1665	DIN-A3
rev.	description	date				name	part no: SEE SHEET 1

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[3003W3PXX56N40X](#) [3005W5PXX99E40X](#) [3005W5SXX99A30X](#) [3005W5SXX99E40X](#) [3013W6SCM99A10X](#) [3036W4PCM41A10X](#)  
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[5W5MTEP](#) [790-026PH-54P2ZNUG](#) [790-026PH-54P2MP](#) [790-026PH-36P2ZNUG](#) [790-026PH-36P2MG](#) [790-026PD-3P3MP](#) [790-025SJ-](#)  
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