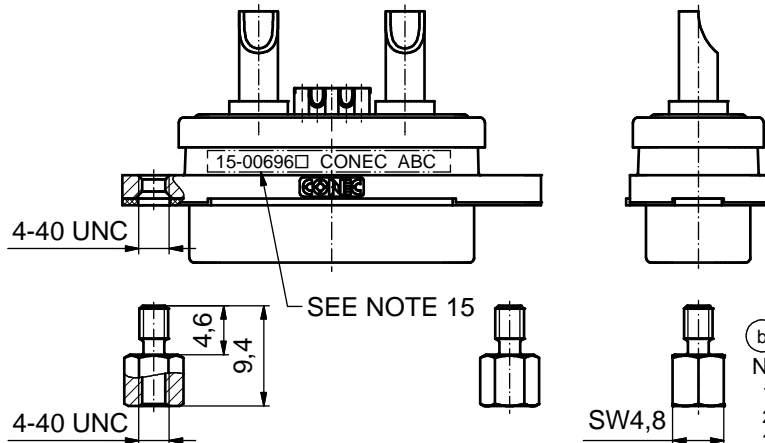
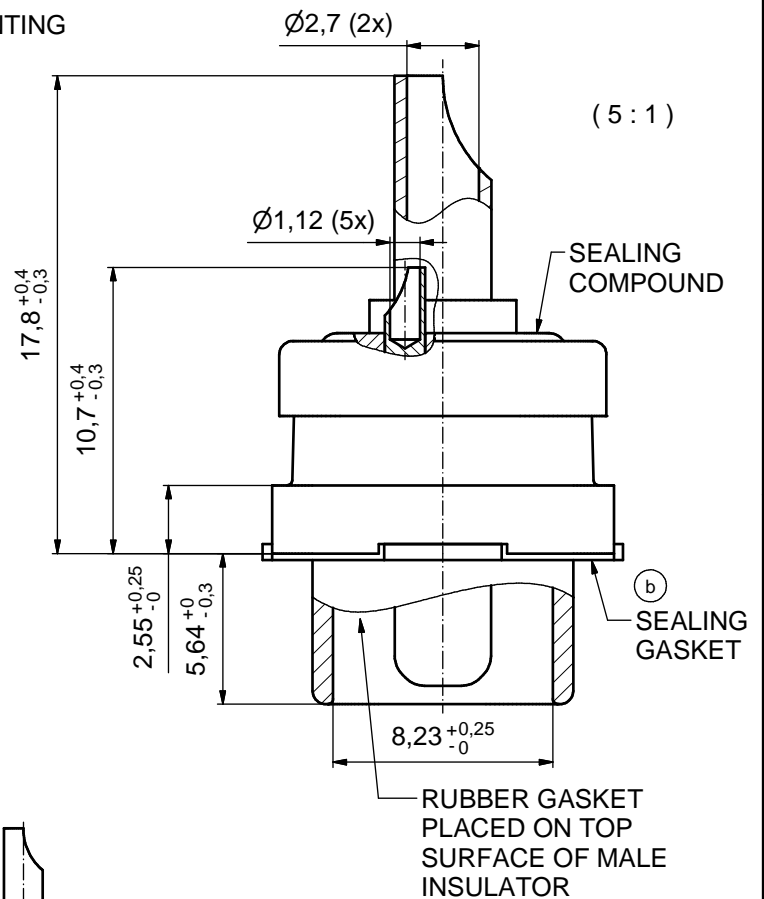
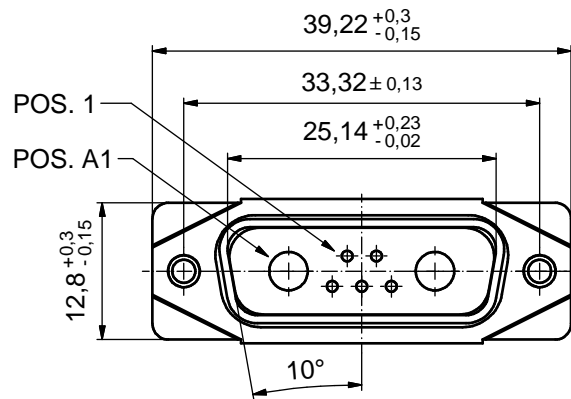
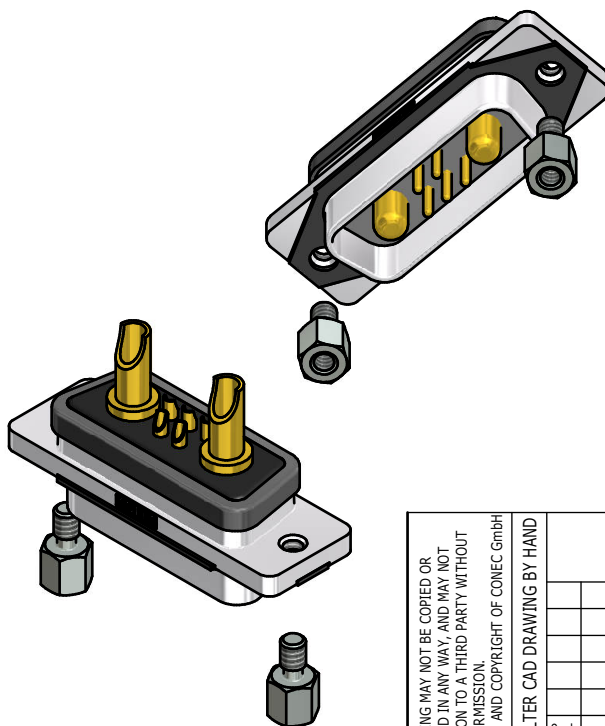




CUSTOMER IS RESPONSIBLE FOR SEALING THE MOUNTING HOLES. THE OTHER PARTS OF THE CONNECTOR ARE CONSIDERED IP67, BUT THE OVERALL SEALING EFFECTIVENESS IS DEPENDENT ON THE CUSTOMER SEALING THE MOUNTING HOLES / HARDWARE.



- 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. RUBBER GASKET: TPE
  10. 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 AWG 20
  11. 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
  12. HEXLOCKING SCREWS: STAINLESS STEEL
  13. RECOMMENDED PANEL CUT-OUT ON SHEET 2
  14. RECOMMENDED TORQUE FOR MOUNTING SCREW  
35Ncm (3.1 in.LB) / max. 67Ncm (6 in.LB)
  15. CONNECTOR IS PART MARKED: 15-00696 CONEC ABC (see note 11)



RoHS compliant

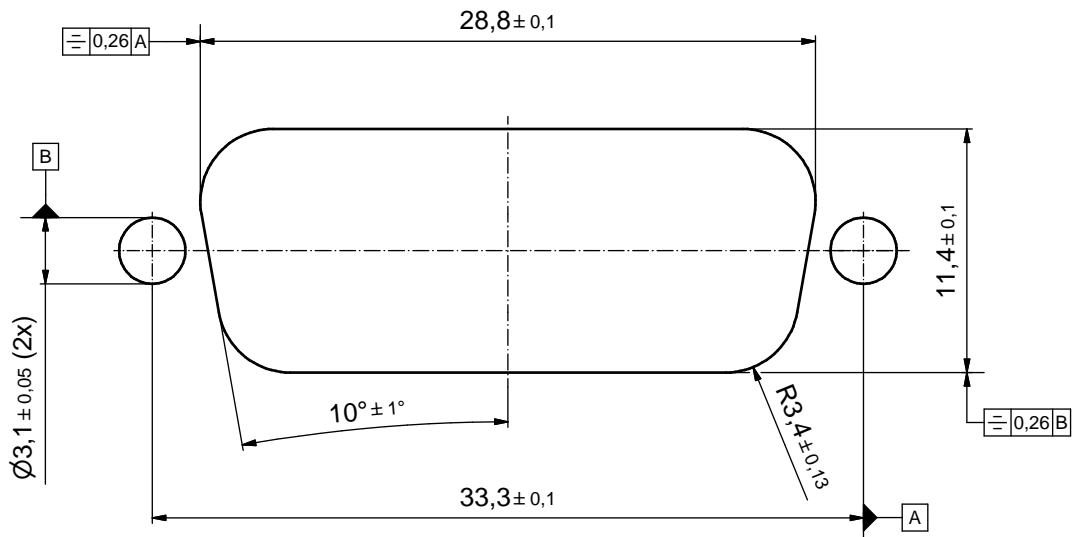
THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GMBH				tolerance		 dim. in mm	scale: 2:1 (5:1)		
							material: SEE NOTES		
							title:  D-SUB COMBINATION MALE 7W2P SOLDER CUP with open 4-40 UNC thread		
DO NOT ALTER CAD DRAWING BY HAND					date	name			
					drawn	16.09.15			Lehmenkühler
					appd.	21.09.15			Fischer
					norm				
				d-old		dwg no:  15K1A1667  part no: 15-00696□ (see note 11)		DIN-A3 sh: 1	
2 x b	Ä6417	27.06.2017	Unkrüer						
a	Original								
rev.	description	date	name						



**CONEC**

## 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



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: 4:1					
				dim. in mm			material: SEE SHEET 1					
								date	name	title: <b>RECOMMENDED PANEL CUT-OUT</b> D-SUB COMBINATION MALE 7W2P SOLDER CUP with open 4-40 UNC thread		
								drawn	16.09.15			Lehmenkühler
								appd.	21.09.15			Fischer
								norm				
								d-old				
a	Original						dwg no:	DIN-A3				
rev.	description	date	name				15K1A1667		sh: 2			
						part no:		SEE SHEET 1				