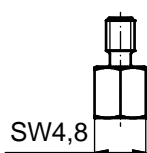
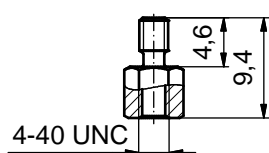
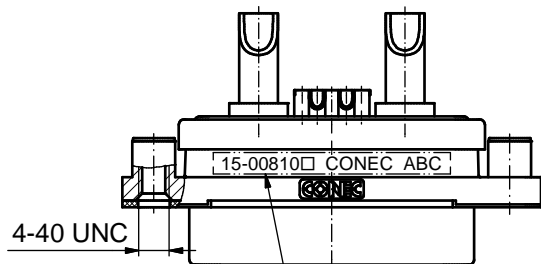
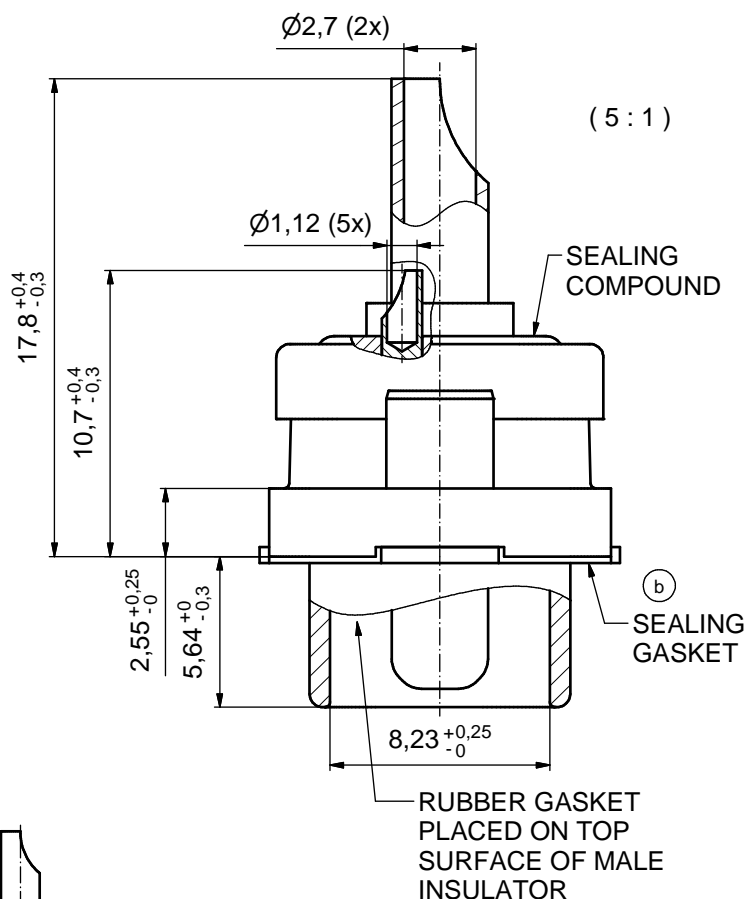
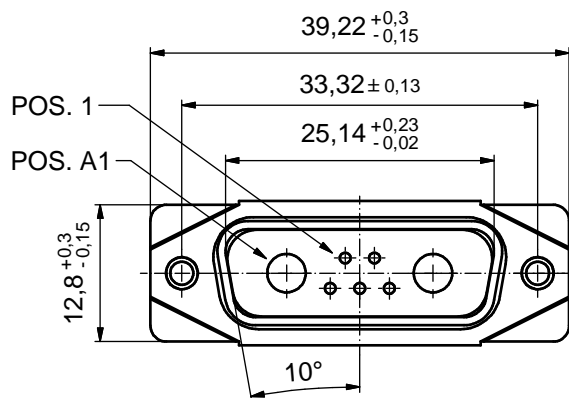
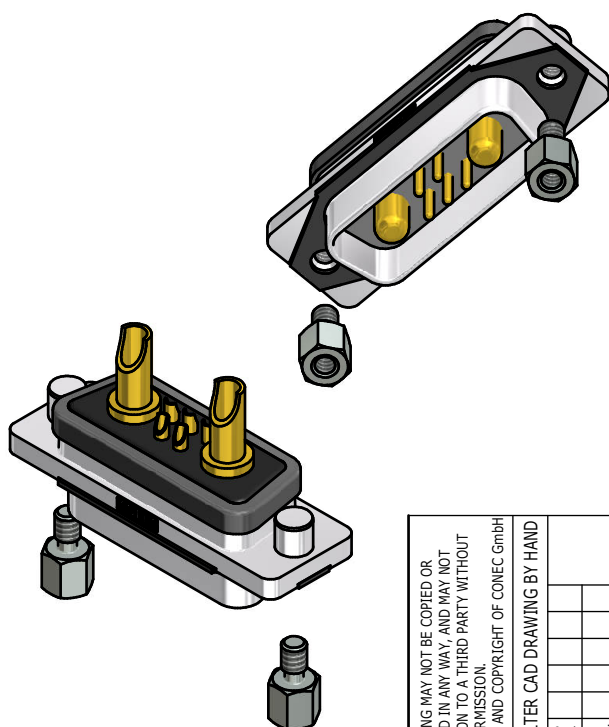


AT ALL TIMES WATER RESISTANT CONNECTORS NOT IN USE SHOULD BE COVERED WITH A CONEC WATER RESISTANT CAP OR WATER TIGHT HOOD.





NOTES: (b)

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: 15-00810□ CONEC ABC (see note 11)



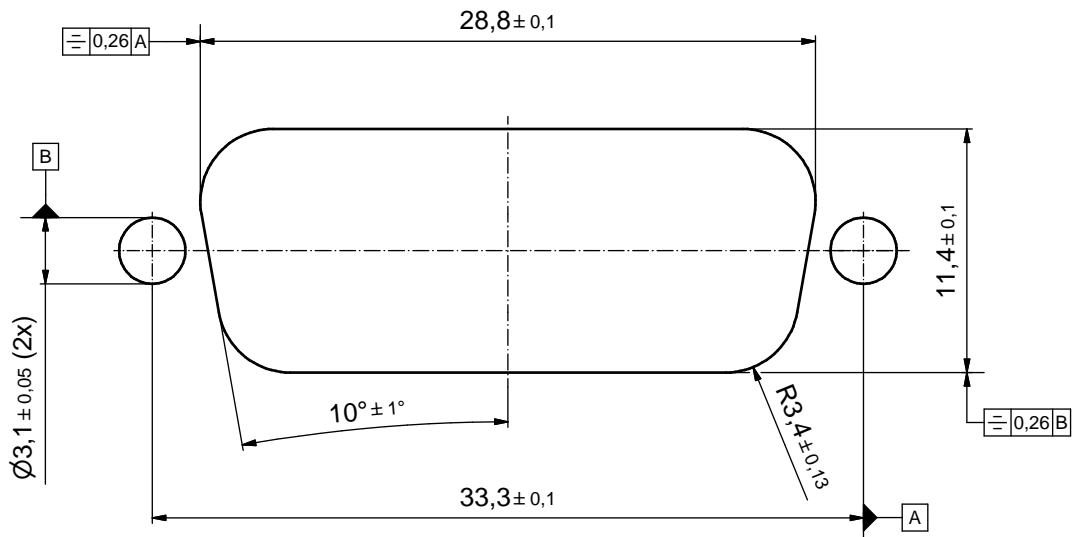
RoHS compliant



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						
				DO NOT ALTER CAD DRAWING BY HAND				date		name		title: D-SUB COMBINATION MALE 7W2P SOLDER CUP with closed 4-40 UNC thread	
								drawn 22.09.15		Lehmenkühler			
								appd. 23.09.15		Fischer			
				norm				dwg no: 15K1A1703					
				d-old									
2 x b		Ä6417	26.06.2017	Unkrüer				DIN-A3 sh: 1					
a		Original											
rev.		description	date	name		part no:		15-00810□ (see note 11)					

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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							material: SEE SHEET 1					
								date	name	title: RECOMMENDED PANEL CUT-OUT D-SUB COMBINATION MALE 7W2P SOLDER CUP with closed 4-40 UNC thread		
								drawn	22.09.15			Lehmenkühler
								appd.	23.09.15			Fischer
								norm				
								d-old				
				a	Original						dwg no: 15K1A1703	
rev.	description	date	name	part no: SEE SHEET 1		sh: 2						