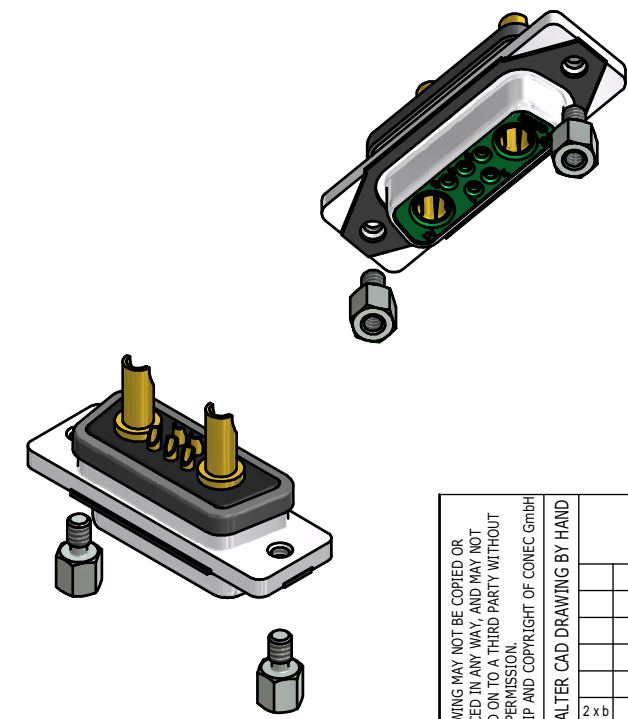
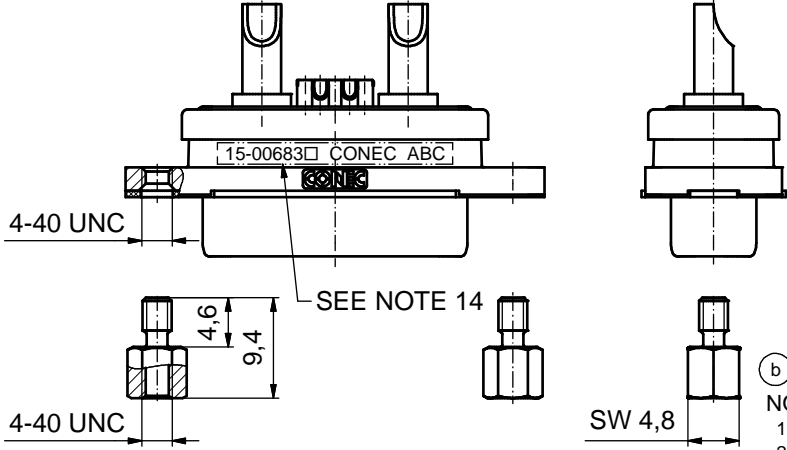
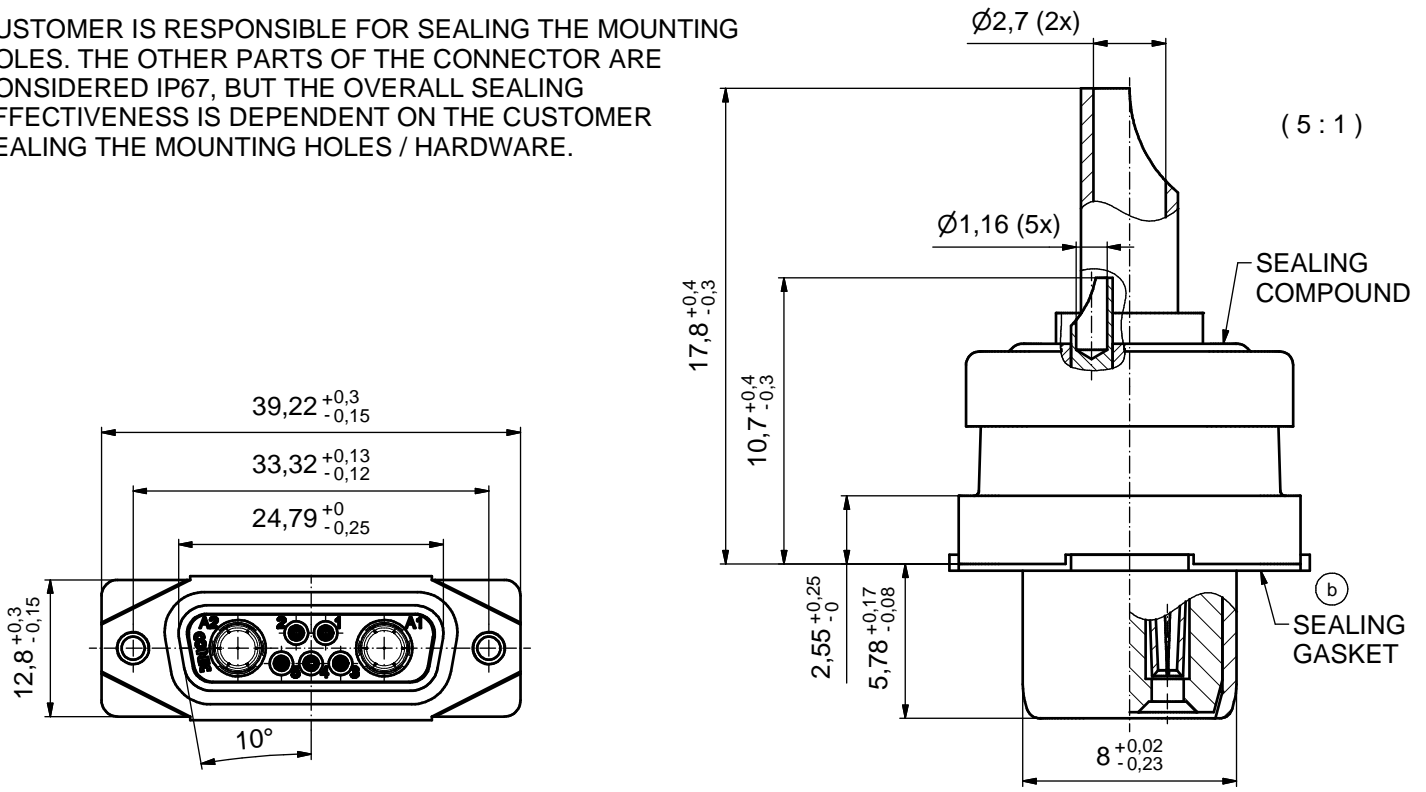


CUSTOMER IS RESPONSIBLE FOR SEALING THE MOUNTING HOLES. THE OTHER PARTS OF THE CONNECTOR ARE CONSIDERED IP67, BUT THE OVERALL SEALING EFFECTIVENESS IS DEPENDENT ON THE CUSTOMER SEALING THE MOUNTING HOLES / HARDWARE.



- 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. METALSHELL: ZINC DIE CAST; min. 50µin 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.):
30µin HARD GOLD over min. 50µin 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 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
 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)

tolerance		dim. in mm		scale: 2:1 (5:1)	
				material: SEE NOTES	
date		name		title:	
drawn 15.09.2015		Lehmenkühler		D-SUB COMBINATION FEMALE	
appd. 21.09.2015		Fischer		7W2S SOLDER CUP	
norm				with open 4-40 UNC thread	
d-old				dwg no:	
2 x b		Ä6417		15K1A1665	
a		Original		DIN-A3	
rev.		description		part no: 15-00683□ (see note 10)	
date		name		sh: 1	

RoHS compliant

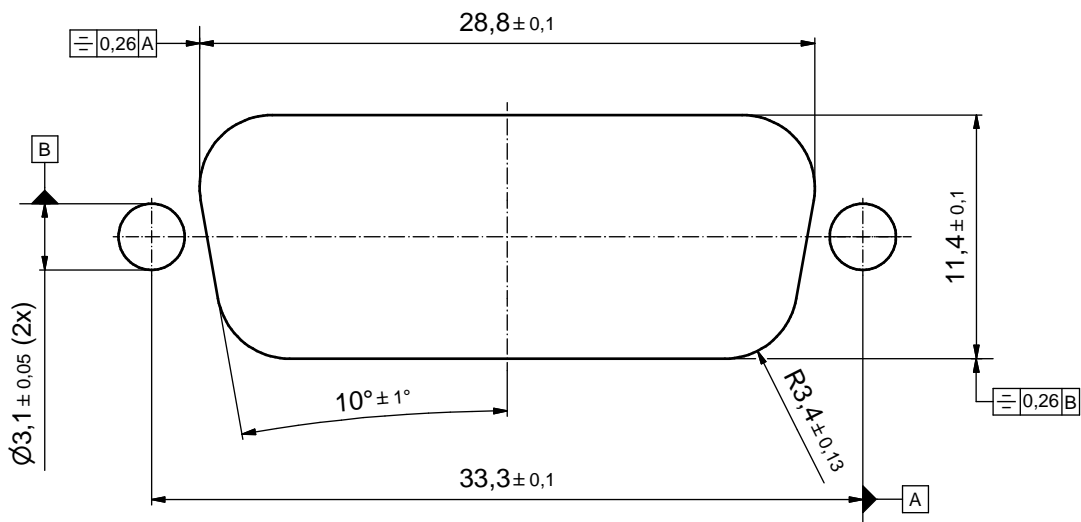
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Solder Instruction

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		CONEC [®]			15K1A1665	DIN-A3
rev.	description	date				name	part no: SEE SHEET 1

Mouser Electronics

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