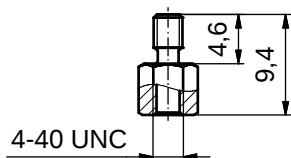
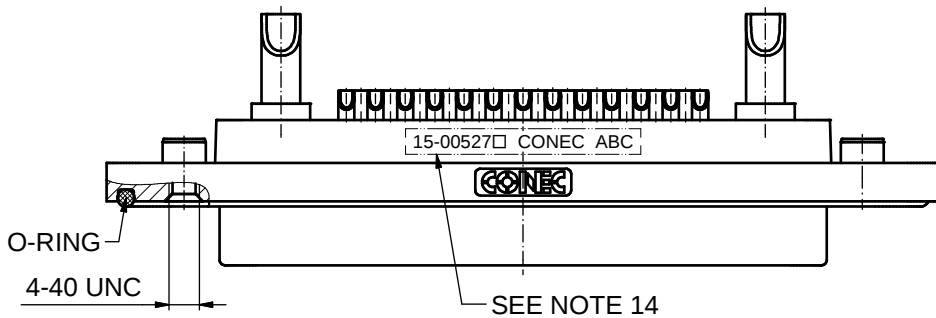
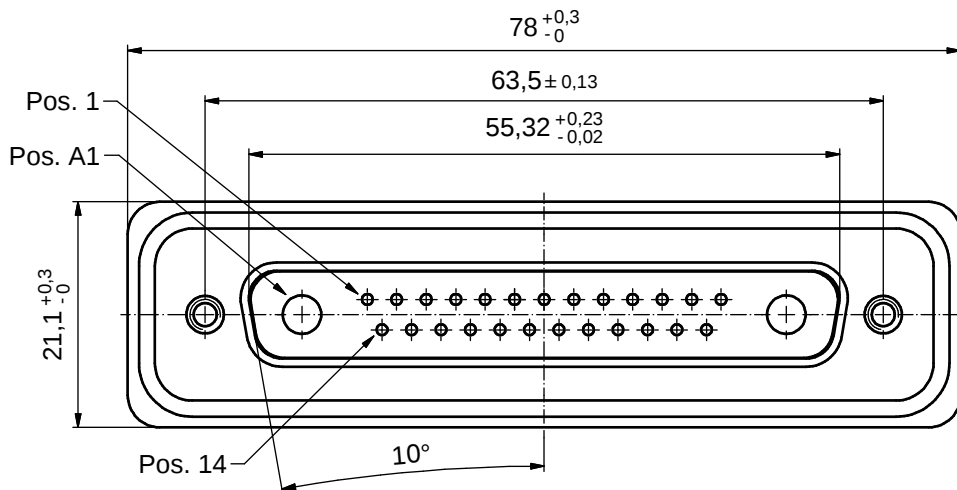
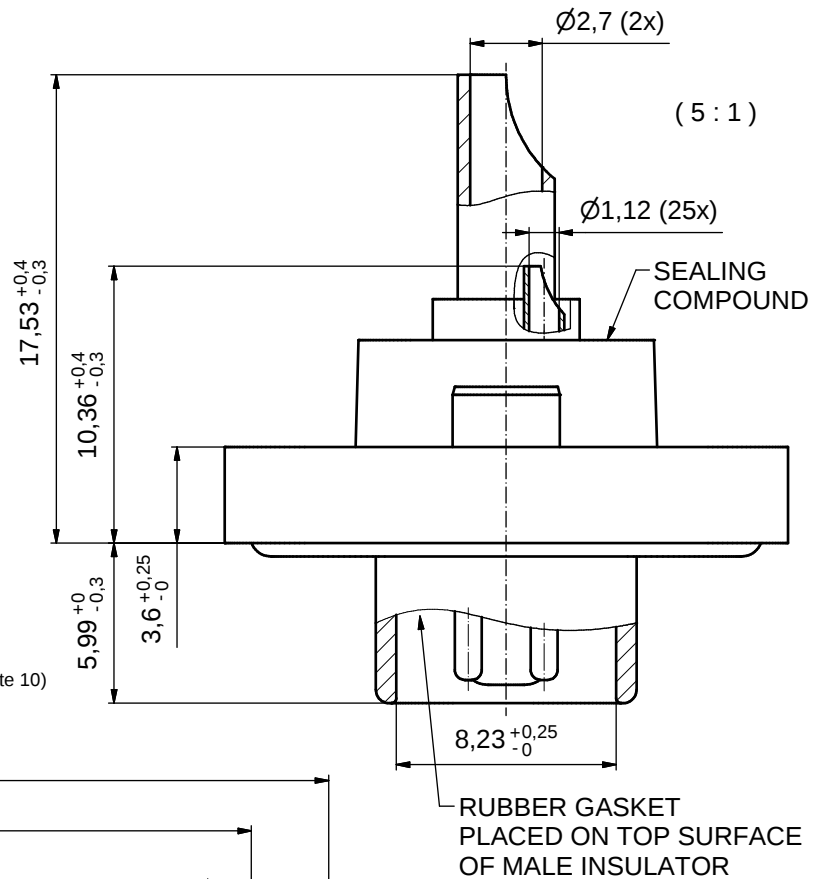


NOTES:

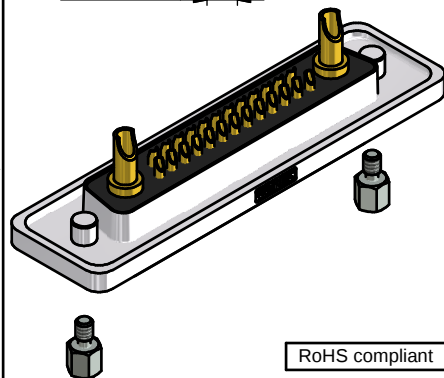
1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. IP RATING: IP 67
3. SEALED TO WITHSTANDING PRESSURE UP TO 1,45 PSI FOR 30 MINUTES AFTER SOLDERING
4. METAL SHELL: ZINC DIE CAST;
min. 50µin NICKEL PLATING over COPPER
5. INSULATORS: PBT GF UL 94 V-0; GREEN
6. O-RING: SILICONE PER ASTM D2000 70 SHORE A; BLUE
7. RUBBER GASKET: TPE; BLACK
8. SEALING COMPOUND: EPOXY RESIN UL 94 V-0; BLACK
9. SIGNAL CONTACTS: COPPER ALLOY PLATING (SEE PART NO.)
30µin HARD GOLD over min. 50µin NICKEL if □ in PART NO.
GOLD FLASH over NICKEL if □ in PART NO.
SOLDER CUP ACCEPTS CABLE AWG 20
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 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: **15-00527** **CONEC ABC** (see note 10)



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

DO NOT ALTER CAD DRAWING BY HAND				tolerance		dim. in mm	scale: 2:1 (5:1)	
rev.	description	date	name	date	name		material:	SEE NOTES
a	Original			drawn	06.05.15	Lehmenkühler	title: D-SUB COMBINATION MALE 27W2P SOLDER CUP with hexlocking screw	
				appd.	07.05.15	Schmidt		
				norm				
				d-old			dwg no:	DIN-A3
								sh: 1
							part no:	15-00527 (see note 10)

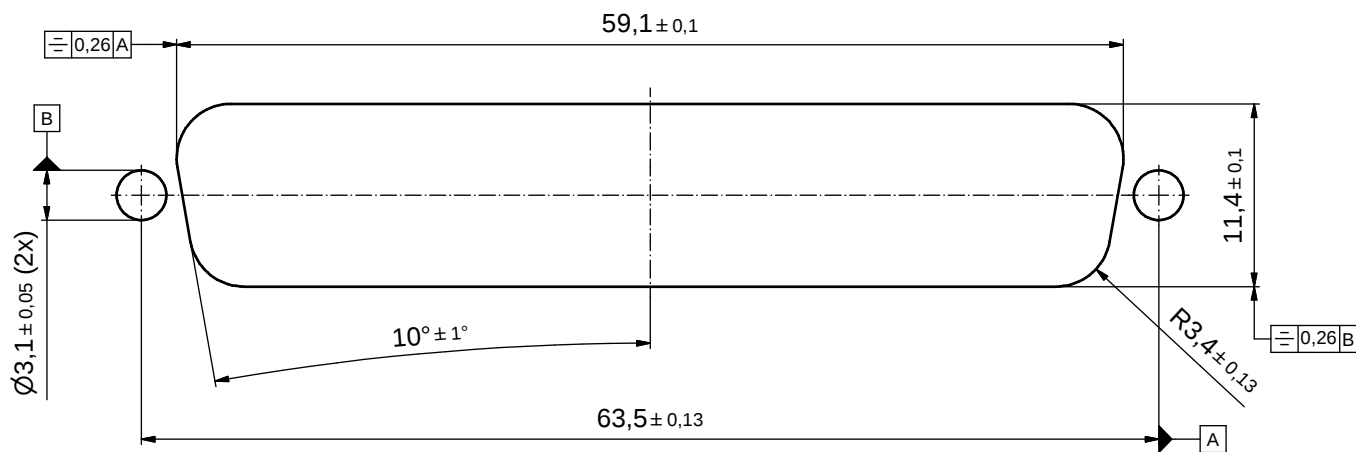
CONEC



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 W att max. and use a pencil tip.
 - 3.2. Put tip to wire in solder cup.
 - 3.3. After 1 second bring in solder.
 - 3.4. 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 W att max. and use a pencil tip.
 - 4.2 Apply some solder to the solder tip of the asoldering 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		 dim. in mm		scale: 3:1				
								material: SEE SHEET 1				
									date	name	title: RECOMMENDED PANEL CUT-OUT D-SUB COMBINATION MALE 27W2P SOLDER CUP with hexlocking screw	
								drawn	06.05.15	Lehmenkühler		
								appd.	07.05.15	Schmidt		
								norm				
								d-old			dwg no:	
a	Original											
rev.	description	date	name				part no: SEE SHEET 1					

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