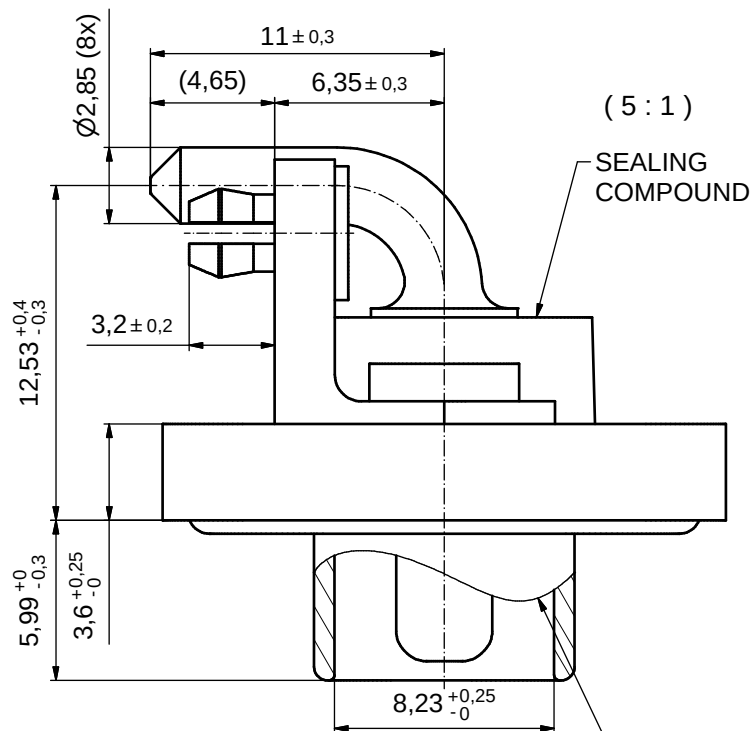


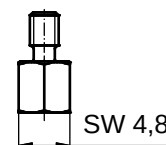
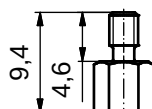
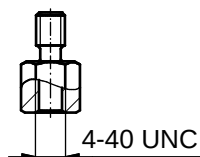
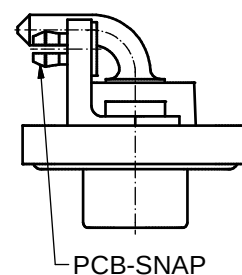
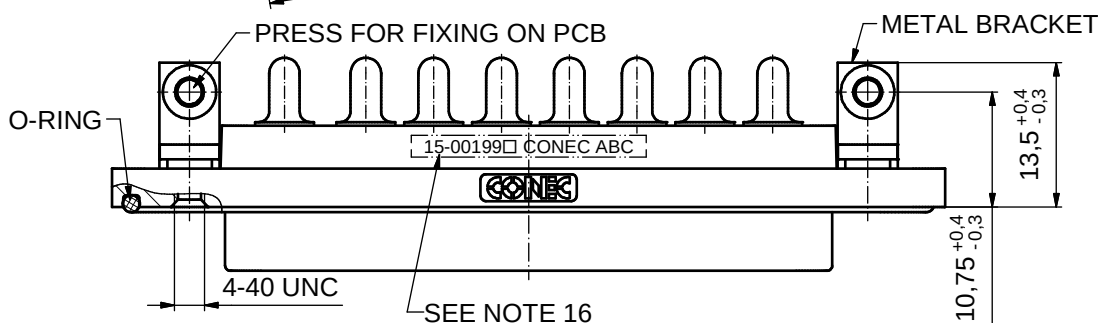
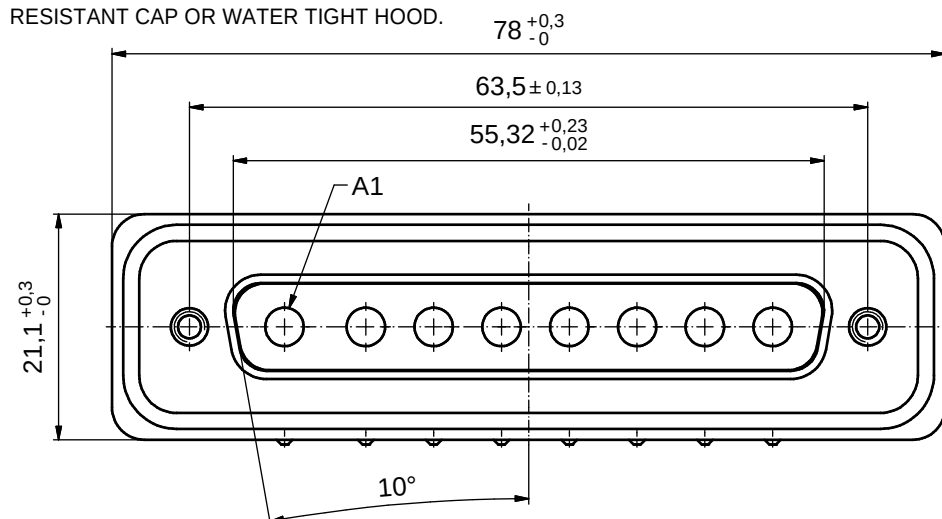
NOTES:

1. FOR WAVE SOLDERING (SOLDER BATH TEMPERATURE 265°C FOR 8 SEC. AND SOLDER PREHEAT 150°C FOR 180 SEC.)
2. IP RATING: IP 67
3. SEALED TO WITHSTAND PRESSURE UP TO 1,45 PSI FOR 30 MINUTES AFTER HIGH TEMPERATURE EXPOSURE
4. METAL SHELL:
 - ZINC DIE CAST; min. 50µin NICKEL PLATING over COPPER
5. INSULATOR: PBT GF UL 94 V-0; GREEN
6. O-RING: SILICONE PER ASTM D2000 70 SHORE A
7. RUBBER GASKET: TPE; BLACK
8. SEALING COMPOUND: EPOXY RESIN UL 94 V-0; BLACK
9. 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: 160-240µin TIN over 80µin NICKEL
10. METAL BRACKETS: ZINC DIE CAST; 300µin COPPER/40-120µin NICKEL/120-200µin TIN
11. WASHERS: COPPER ALLOY; 80µin NICKEL
12. HEXLOCKING SCREWS: STAINLESS STEEL
13. PCB SNAPS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
PCB HOLE: $\varnothing 3.1 \pm 0.1 \text{ mm}$; PCB THICKNESS 1.6 mm
14. P.C.B. HOLE DRILLINGS and RECOMMENDED PANEL CUT-OUT ON SHEET 2
15. RECOMMENDED TORQUE FOR MOUNTING SCREW
35 Ncm (3.1 in.LB) / max. 67 Ncm (6 in.LB)
16. CONNECTOR IS PART MARKED: 15-00199 CONEC ABC (see note 9)

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



RUBBER GASKET
PLACED ON TOP SURFACE
OF MALE INSULATOR

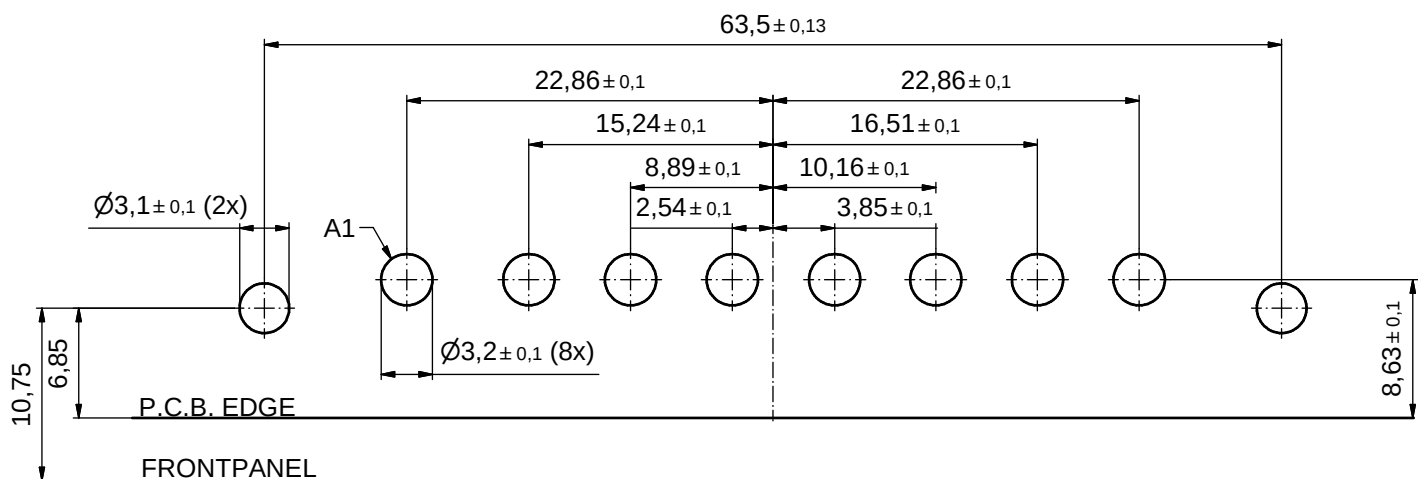


RoHS compliant

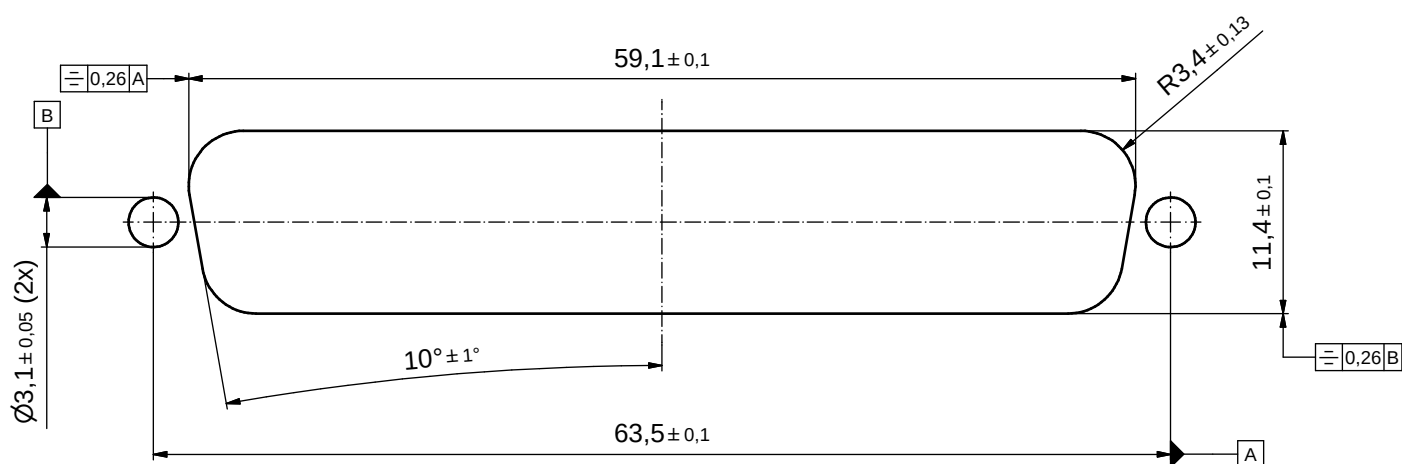
THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH				tolerance		 dim. in mm	scale: 2:1 (5:1)	
							material: see notes	
					date	name	title: D-SUB COMBINATION MALE 90° 8W8P SOLDER PIN ANGLED with metal bracket, hexlocking screw and snap	
					drawn 31.03.2016	Unkrüer		
					appd. 31.03.2016	Strakerjahn		
					norm			
					d-old		dwg no: 15K1A1868 part no: 15-00199□ (see note 9)	
								
	a	Original					DIN-A3	
rev.	description	date	name			sh: 1/2		

P.C.B. HOLE DRILLINGS

(P.C.B. TOP SIDE)



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: P.C.B. HOLE DRILLINGS RECOMMENDED PANEL CUT-OUT D-SUB COMBINATION MALE 90° 8W8P			
					drawn	31.03.2016	Unkrüer				
					appd.	31.03.2016	Strakerjahn				
					norm						
					d-old						
									dwg no:		DIN- A3 sh: 2/2
	a	Original							15K1A1868		
	rev.	description	date	name					part no: SEE SHEET 1		