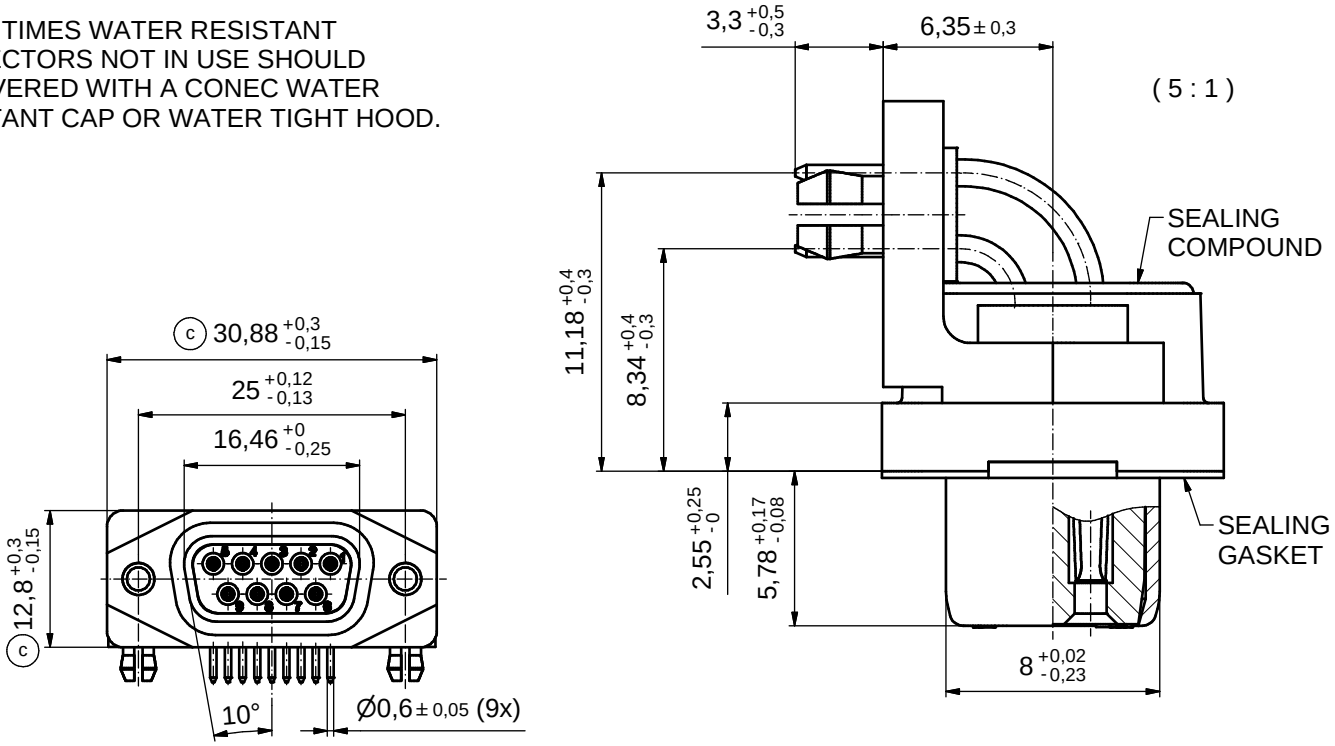
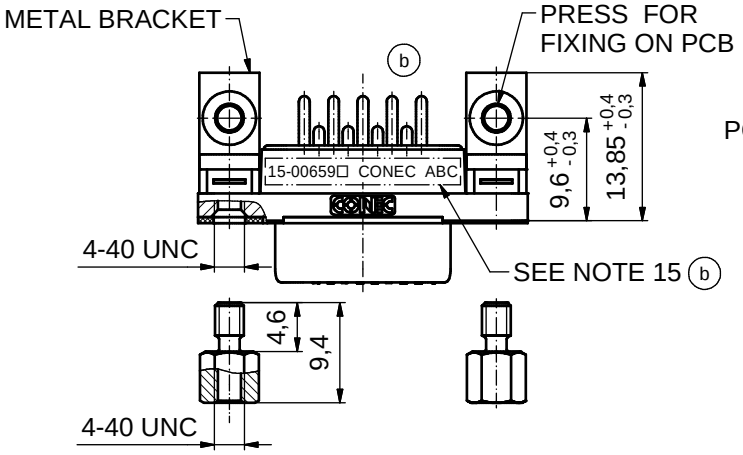
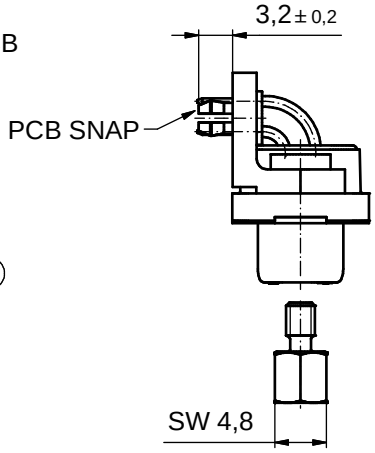
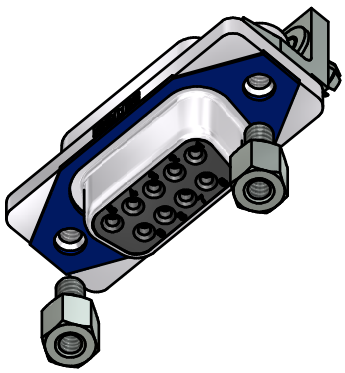
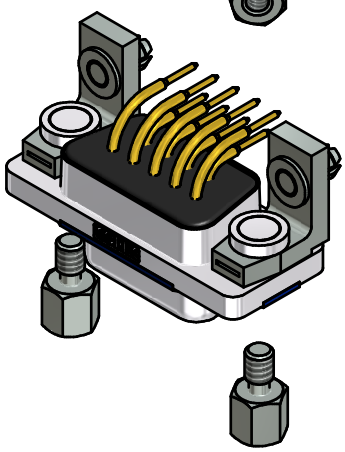
AT ALL TIMES WATER RESISTANT
CONNECTORS NOT IN USE SHOULD
BE COVERED WITH A CONEC WATER
RESISTANT CAP OR WATER TIGHT HOOD.











b d

NOTES:

1. FOR WAVESOLDERING (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. METALSHELL: ZINC DIE CAST; min. 50µin NICKEL PLATING over COPPER
5. INSULATORS: PBT GF UL 94 V-0; BLACK
6. SEALING GASKET: SILICONE; BLUE
7. SEALING COMPOUND: EPOXY RESIN UL 94 V-0; BLACK
8. CONTACTS: COPPER ALLOY
   PLATING (SEE PART NO.): ☐ PLEASE ADD 1 for 30µin HARD GOLD over min. 50µin NICKEL
   ☐ PLEASE ADD 3 for GOLD FLASH over NICKEL
9. METAL BRACKETS: ZINC DIE CAST; 300µin COPPER/40-120µin NICKEL/120-200µin TIN
10. WASHERS: COPPER ALLOY; 80µin NICKEL
11. HEXLOCKING SCREWS: STAINLESS STEEL
12. PCB-SNAPS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
    PCB-HOLE: ø3,1± 0,1mm; PCB THICKNESS 1,6mm
13. P.C.B. HOLE DRILLINGS and 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: 15-00659☐ CONEC ABC (see note 8)

RoHS compliant

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DO NOT ALTER CAD DRAWING BY HAND

rev.	description	date	name
2 x d	Ä5827	25.09.15	Unkrüer
2 x c	Ä5800	04.09.15	M.H.
4 x b	Ä5793	02.09.2015	K.H.
a	Original		

tolerance: dim. in mm

	date	name
drawn	29.09.14	Lehmenkühler
appd.	26.01.15	Fischer
norm		
d-old		

scale: 2:1 (5:1)
material: SEE NOTES

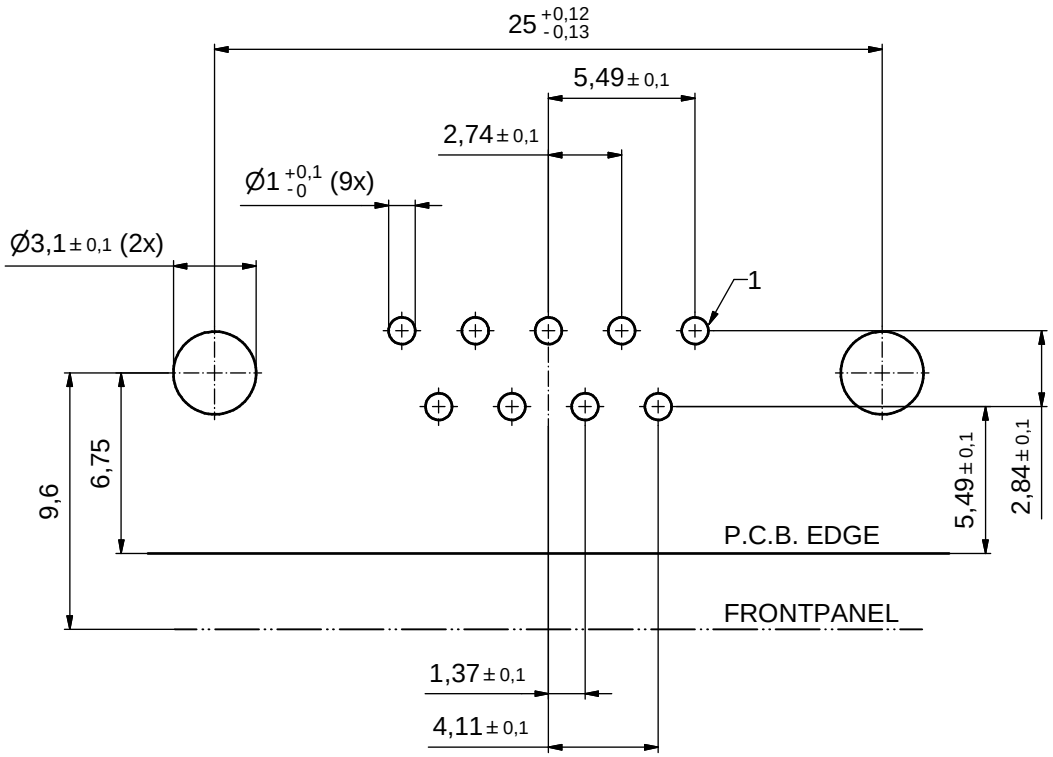
title:
D-SUB FEMALE 90°
d 9pos. SOLDER PIN ANGLED
with closed 4-40 UNC thread,metal bracket,snap b

dwg no: 15K1A1554
DIN-A3
sh: 1

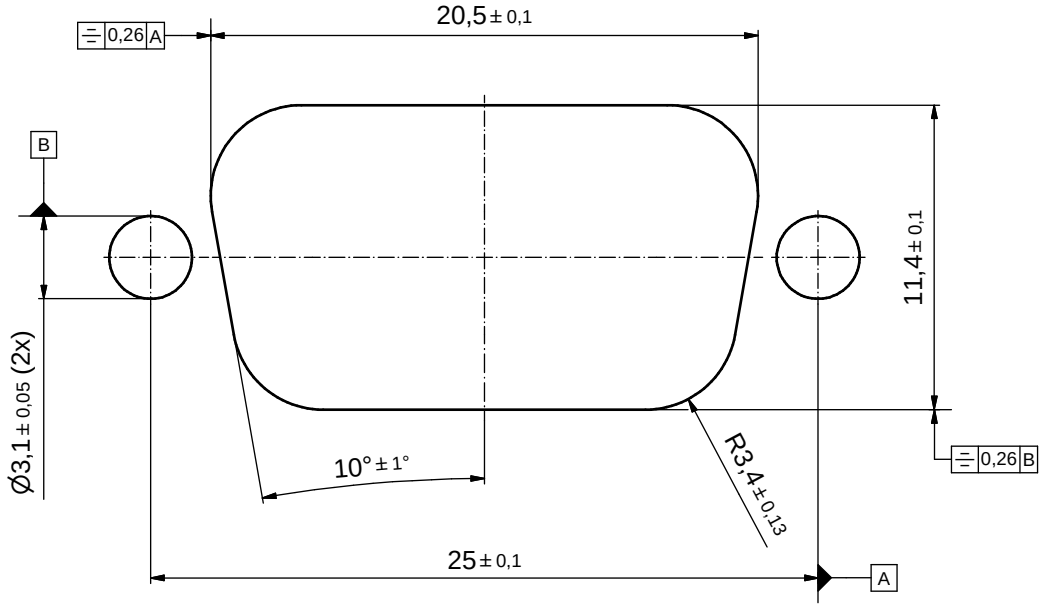
part no: 15-00659☐ (see note 8)

P.C.B. HOLE DRILLINGS

(P.C.B. TOP SIDE)



RECOMMENDED PANEL CUT-OUT



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DO NOT ALTER CAD DRAWING BY HAND

rev.	description	date	name
a	Original		

tolerance

dim. in mm

	date	name
drawn	29.09.14	Lehmenkühler
appd.	26.01.15	Fischer
norm		
d-old		

scale: 4:1

material: SEE SHEET 1

title:

P.C.B. HOLE DRILLINGS

RECOMMENDED PANEL CUT-OUT

D-SUB Female 90° 9pos. Solder pin angled

dwg no: 15K1A1554

DIN-A3

sh: 2

part no: SEE SHEET 1