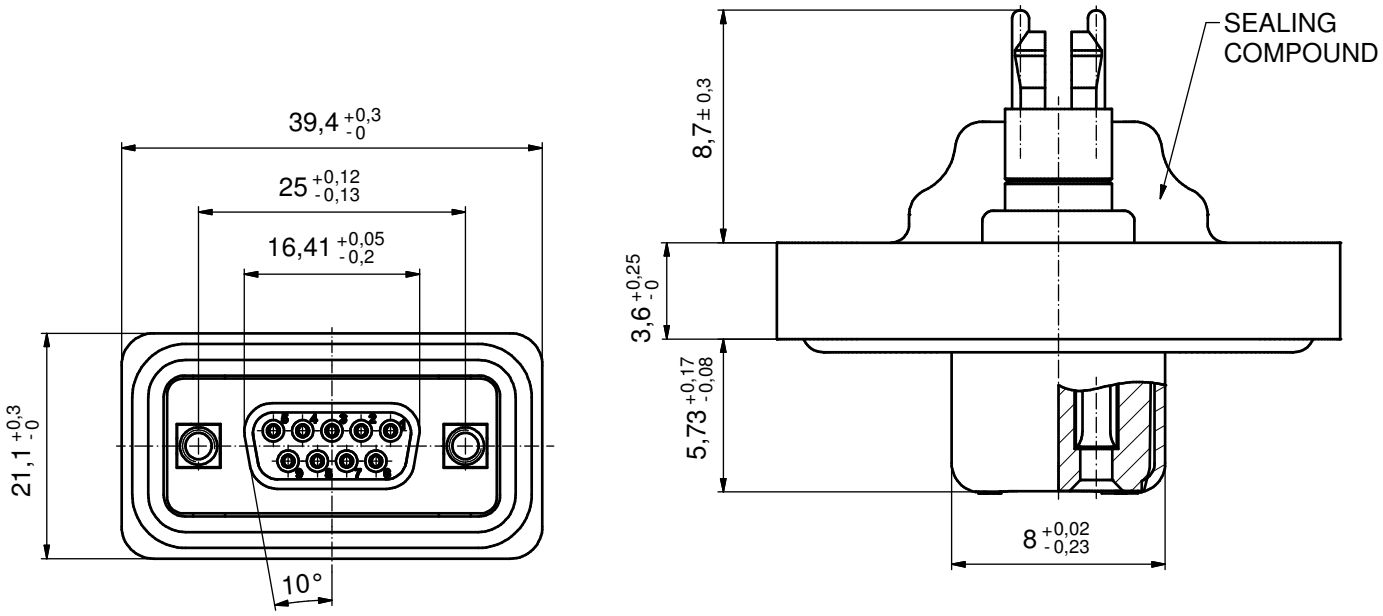
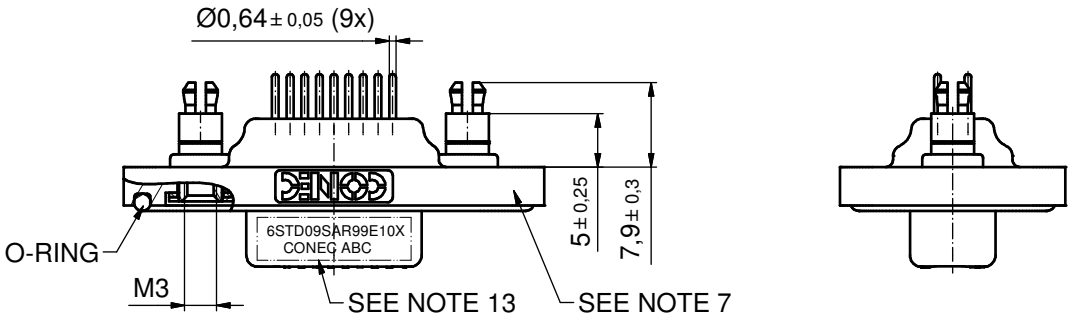
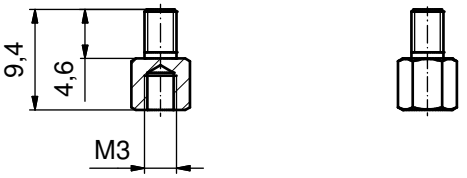
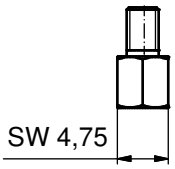
AT ALL TIMES WATER RESISTANT CONNECTORS NOT IN USE SHOULD BE COVERED WITH A CONEC WATER RESISTANT CAP OR WATER TIGHT HOOD.

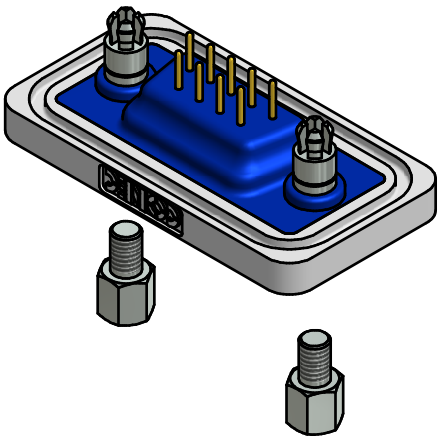
(5 : 1)











NOTES:

1. FOR WAVESOLDERING (SOLDER BATH TEMPERATURE 240 °C FOR 5 SEC. AND SOLDER PREHEAT 120 °C FOR 120 SEC.)
2. METALSHELLS: COPPER ALLOY; min. 315µin TIN over 40-80µin NICKEL
3. INSULATORS: PBT GF UL 94 V-0; BLACK
4. CONTACTS: COPPER ALLOY
   PLATING: GOLD FLASH over NICKEL
5. THREADED SPACER CLIPS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
   PCB-HOLE: ø3,1± 0,1; PCB THICKNESS 1,6mm
6. COLLARS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
7. FRAME: ZINC DIE CAST; NICKEL PLATED
8. O-RING: SILICON; BLUE
9. SEALING COMPOUND: PUR; BLUE
10. HEXLOCKING SCREWS: STAINLESS STEEL
11. P.C.B. HOLE DRILLINGS + RECOMMENDED PANEL CUT-OUT ON SHEET 2
12. RECOMMENDED TORQUE FOR MOUNTING SCREW 35Ncm (3.1 in.LB) / max. 40Ncm (3.5 in.LB)
13. CONNECTOR IS PART MARKED: 6STD09SAR99E10X CONEC ABC

Directive 2002/95/EC RoHS compliant

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DO NOT ALTER CAD DRAWING BY HAND

rev.	description	date	name
a	Origin		

tolerance — dim. in mm

	date	name
drawn	17.12.10	Henneboel
appd.	20.12.10	Fischer
norm		
d-old		

scale: 2:1 (5:1)

material: SEE NOTES

title:

D-SUB FEMALE
9pos. SOLDER PIN STRAIGHT
threaded spacer clip and hexlocking screw

dwg no: 15K1A771

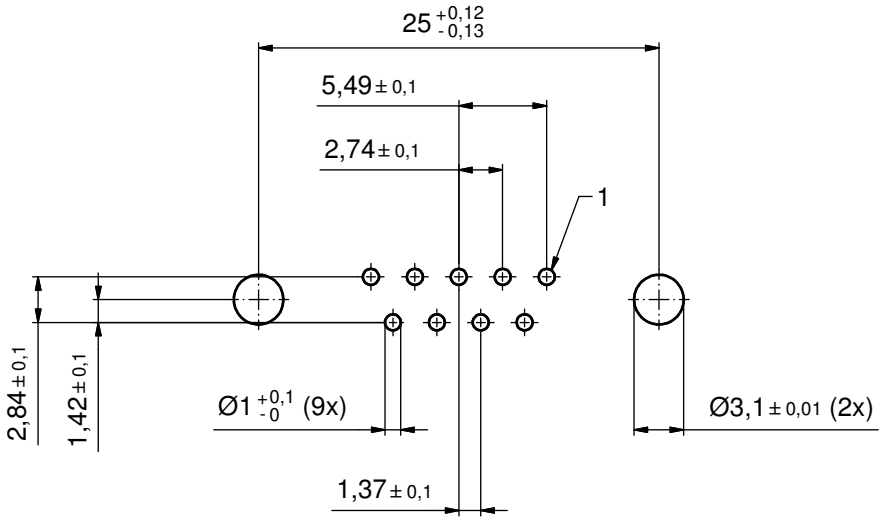
DIN-A3

sh: 1

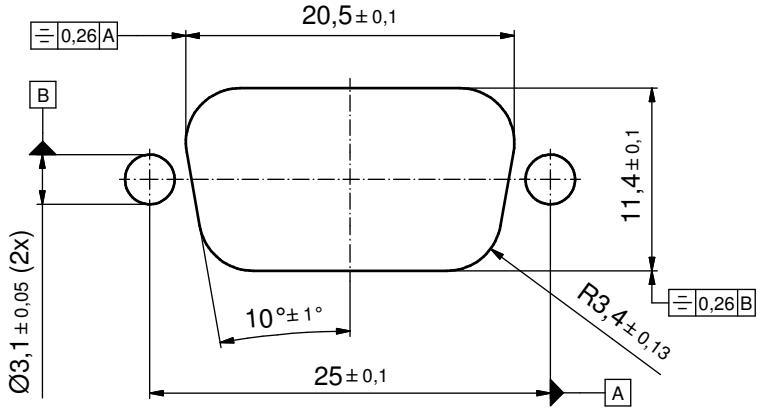
part no: 6STD09SAR99E10X

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	Origin		

tolerance

dim. in mm

	date	name
drawn	17.12.10	Henneboel
appd.	20.12.10	Fischer
norm		
d-old		

scale: 3:1

material: SEE SHEET 1

title:

P.C.B. HOLE DRILLINGS

RECOMMENDED PANEL CUT-OUT

D-SUB FEMALE 9pos. SOLDER PIN STRAIGHT

dwg no: 15K1A771

DIN-A3

sh: 2

part no: SEE SHEET 1