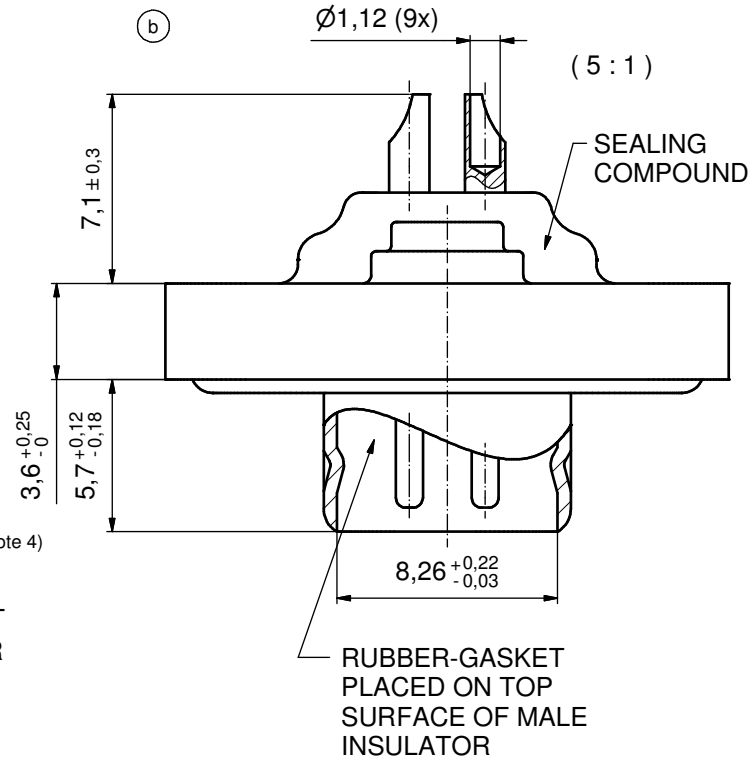
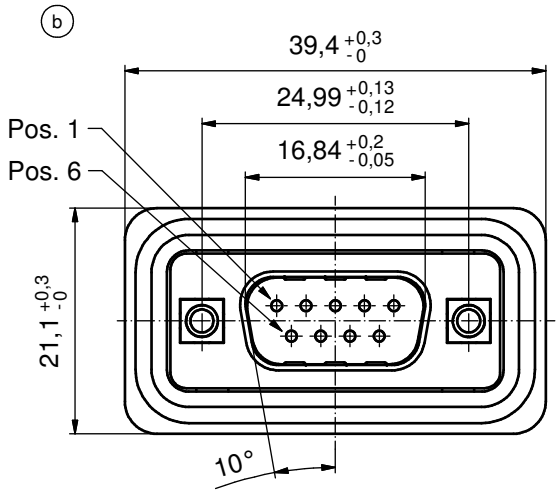
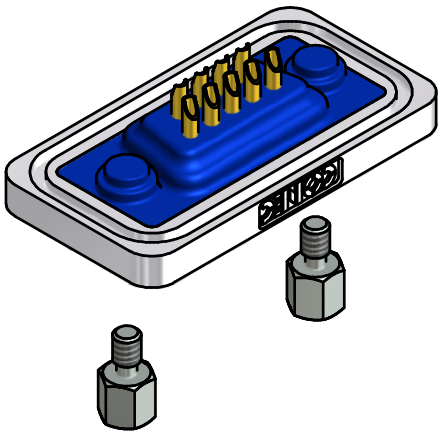
NOTES: (b)

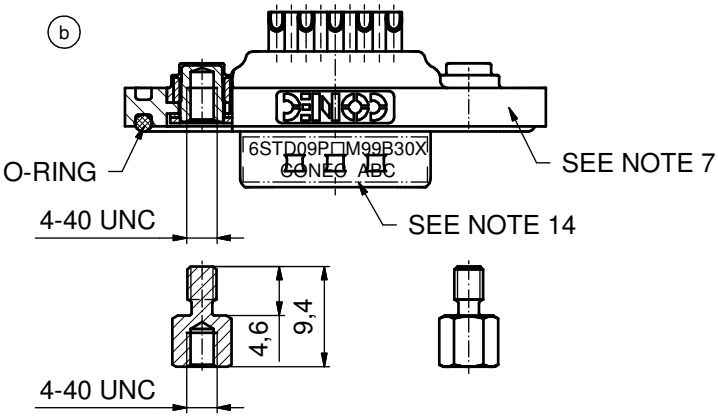
1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. METALSHELLS: COPPER ALLOY; min. 315µin TIN over 40-80µin NICKEL
3. INSULATORS: PBT GF UL 94 V-0, BLACK
4. SIGNAL CONTACTS: COPPER ALLOY; PLATING (SEE PART NO.)
   ☐PLEASE ADD C for 30µin HARD GOLD over min. 50µin NICKEL
   ☐PLEASE ADD B for 20µin HARD GOLD over min. 50µin NICKEL
   ☐PLEASE ADD A for GOLD FLASH over NICKEL (PREFERRED TYPE)
   SOLDER CUP ACCEPTS CABLE AWG 20
5. THREADED INSERTS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
6. COLLARS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
7. FRAME: ZINC DIE CAST; NICKEL PLATED
8. RUBBER-GASKET: TPE; BLACK
9. HEXLOCKING SCREW: STAINLESS STEEL
10. O-RING: SILICON; BLUE
11. SEALING COMPOUND: PUR; BLUE
12. RECOMMENDED PANEL CUT-OUT SEE SHEET 2
13. RECOMMENDED TORQUE FOR MOUNTING SCREW 35Ncm (3.1 in.LB) / max.40Ncm (3.5 in.LB)
14. CONNECTOR IS PART MARKED: 6STD09P☐M99B30X CONEC ABC (see note 4)

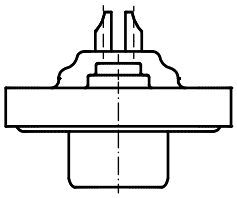
AT ALL TIMES WATER RESISTANT CONNECTORS NOT IN USE SHOULD BE COVERED WITH A CONEC WATER RESISTANT CAP OR WATER TIGHT HOOD.

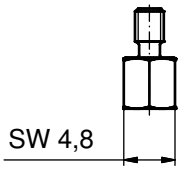












Directive 2002/95/EC RoHS compliant

rev.	description	date	name
5 x b	Ã4410	02.08.2012	K.H.
a	Original		

tolerance: dim. in mm

	date	name
drawn	02.08.12	Henneboel
appd.	02.08.12	Fischer
norm		
d-old	15K1A695/18K1A372/18K2A372	

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

title:
D-SUB MALE
9pos. SOLDER CUP
with threaded insert and hexlocking screw

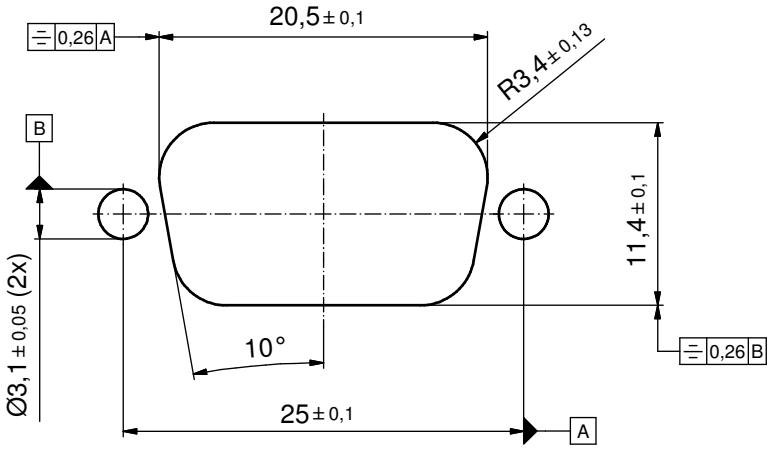
dwg no: 15K1A1109 (b)
DIN-A3
sh: 1/2

part no: 6STD09P☐M99B30X (see note 4)

Solder Instruction

1. Cable should be prepared for soldering. The cable/wires must be pretinned.
2. Insert cable/wire into solder cup.
3. Operate the soldering iron at 350°C, 50 Watt max. and use a pencil tip.
4. Put tip to wire in solder cup.
5. After 1 second bring in solder.
6. Heat for 3 seconds longer. Do not heat contact more than 4 seconds in total.
7. Remove soldering iron.
8. Wait until solder gets rigid again.
9. Do not solder adjacent contacts consecutively,
   alternate position within the connector to minimize heat build up.

RECOMMENDED PANEL CUT-OUT



rev.	description	date	name
a	Original		

tolerance

dim. in mm

	date	name
drawn	02.08.12	Henneboel
appd.	02.08.12	Fischer
norm		
d-old		

scale: 3:1

material: SEE SHEET 1

title:

PANEL CUT-OUT

D-SUB MALE 9pos. SOLDER CUP

with threaded insert and hexlocking screw

dwg no: 15K1A1109

DIN-A3

sh: 2/2

part no: SEE SHEET 1