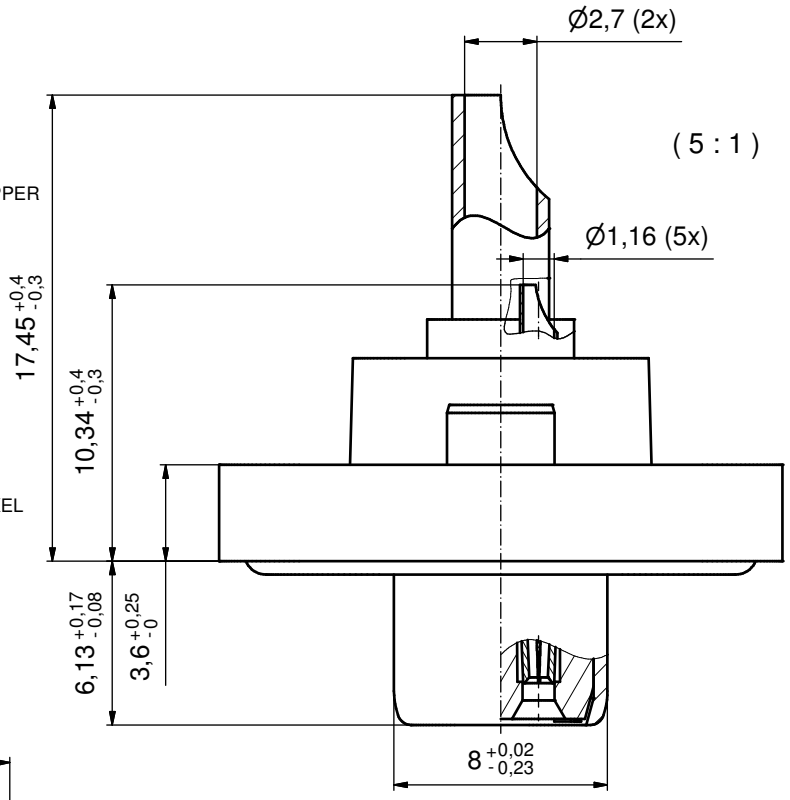
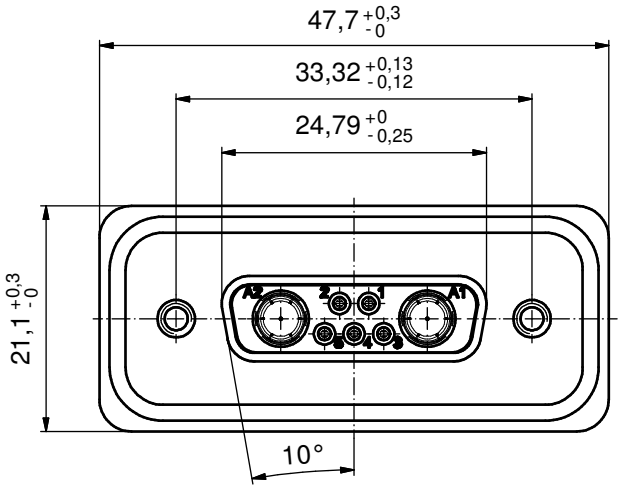
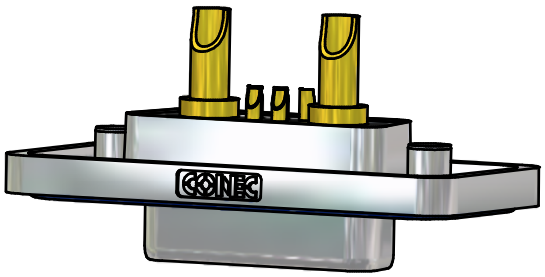
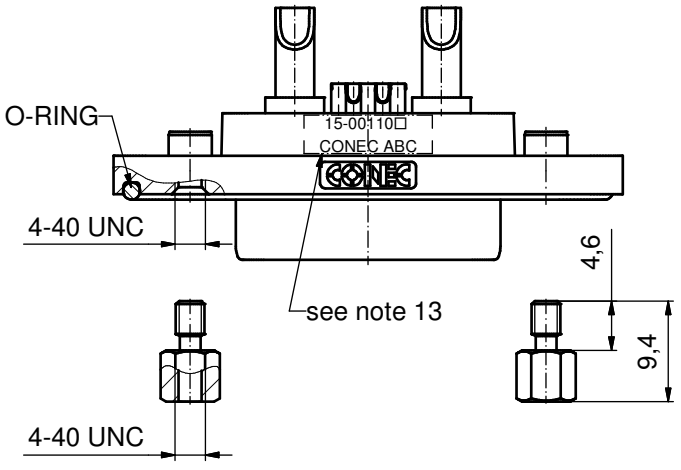
NOTES:

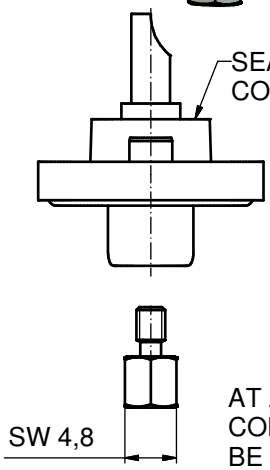
1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. IP RATING: IP 67
3. SEALED TO WITHSTAND PRESSURE UP TO 1,45 PSI
   FOR 30 MINUTES AFTER SOLDERING
4. METALSHELL: ZINC DIE CAST; min. 50µin NICKEL PLATING over COPPER
5. INSULATORS: PBT GF UL 94 V-0, GREEN
6. O-RING: SILICONE PER ASTM D2000 70 SHORE A
7. SEALING COMPOUND: EPOXY RESIN UL 94 V-0; BLACK
8. SIGNAL CONTACTS: COPPER ALLOY
   PLATING (SEE PART NO):
   30µin HARD GOLD over min. 50µin NICKEL if 1☐ in PART NO.
   8µin HARD GOLD over min. 50µin NICKEL if 3 ☐ in PART NO.
   SOLDER CUP ACCEPTS CABLE AWG 20
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 8µin HARD GOLD over min. 50µin NICKEL
   PLATING TERMINATION SIDE: 8µin HARD GOLD over min. 50µin NICKEL
   SOLDER CUP ACCEPTS CABLE AWG 12-14
10. HEXLOCKING SCREWS: STAINLESS STEEL
11. RECOMMENDED PANEL CUT-OUT ON SHEET 2
12. RECOMMENDED TORQUE FOR MOUNTING SCREW
    35Ncm (3.1 in.LB) / max.67Ncm (6 in.LB)
13. CONNECTOR IS PART MARKED: 15-00110☐ CONEC ABC











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

APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL

CUSTOMER APPROVAL DATE:

NAME: TITLE:

COMPANY NAME:

APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL

rev.	description	date	name
a	Origin		

tolerance

dim. in mm

	date	name
drawn	19.04.2010	Henneboel
appd.	19.04.2010	Fischer
norm		
d-old		

scale: 2:1 (5:1)

material: see notes

title:

D-SUB COMBINATION FEMALE
7W2S SOLDER CUP
with hexlocking screw

dwg no: 15K1A432

Inventor 10

DIN-A3

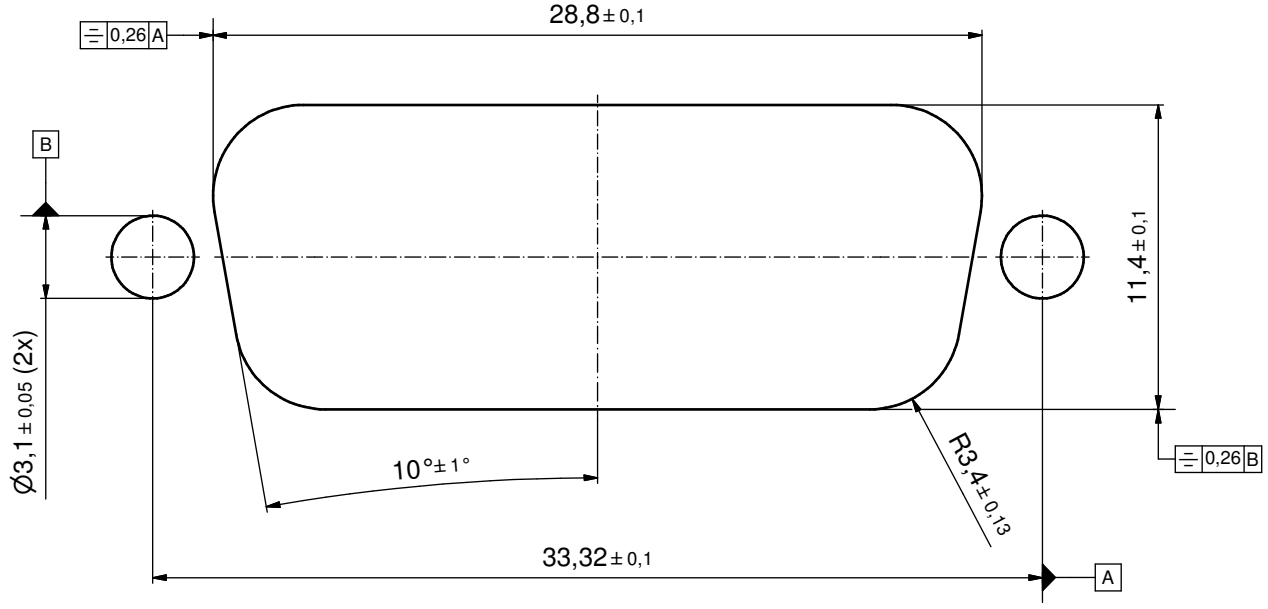
sh: 1

part no: 15-00110☐ (see note 9)

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 Watt 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 Watt max. and use a pencil tip.
4.2. Put tip to wire in solder cup.
4.3. After 1 second bring in solder.
4.4. 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



APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL

CUSTOMER APPROVAL DATE:

NAME: TITLE:

COMPANY NAME:

APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL

rev.	description	date	name
a	Origin		

tolerance

dim. in mm

	date	name
drawn	19.04.2010	Henneboel
appd.	19.04.2010	Fischer
norm		
d-old		

scale: 5:1

material: see sheet 1

title:

PANEL CUT-OUT

D-SUB COMBINATION FEMALE 7W2S

Solder cup; with hexlocking screw

dwg no: Inventor 10

15K1A432

DIN-A3

sh: 2

part no: see sheet 1