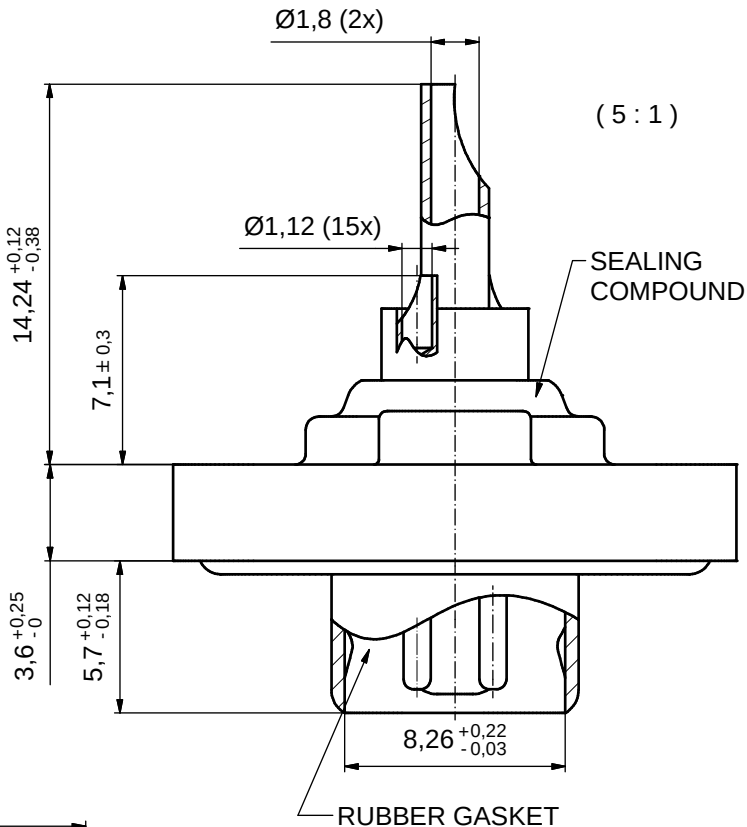
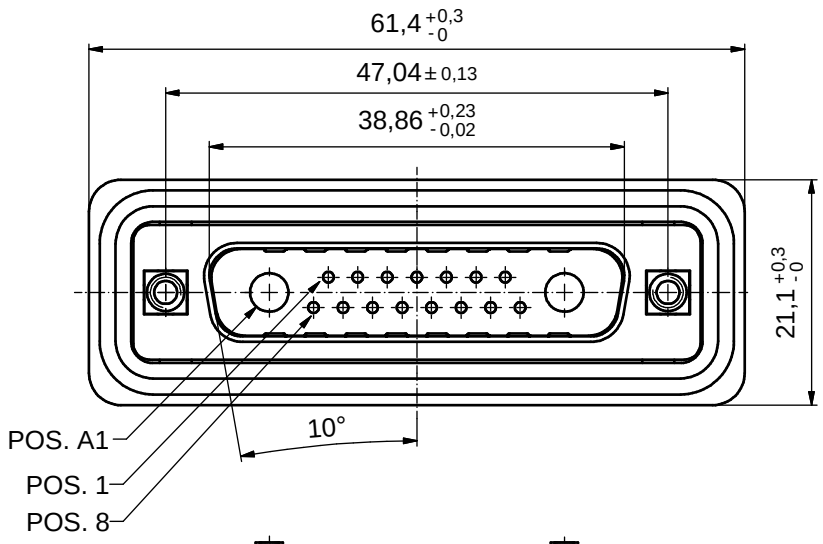
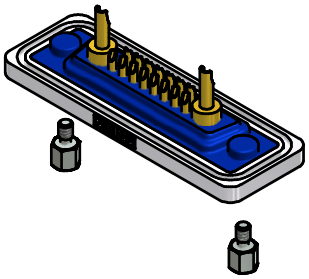
NOTES:

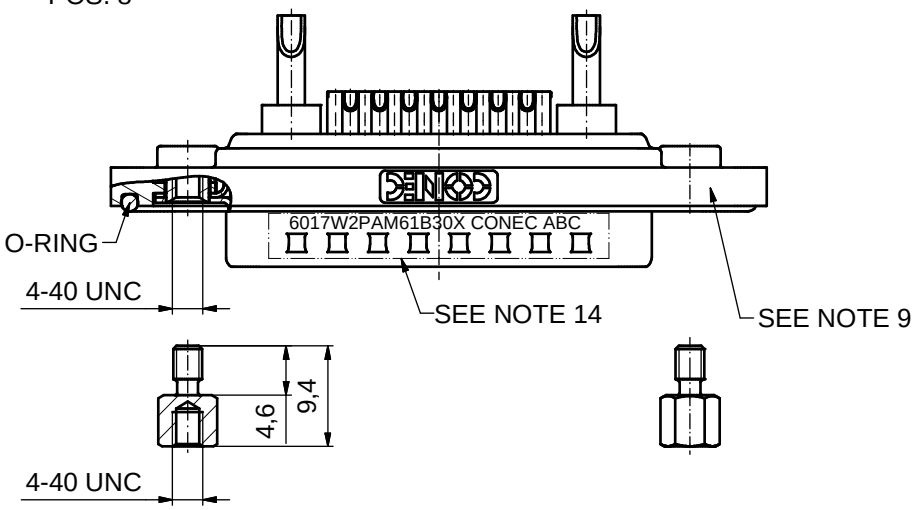
1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. METALSHELLS: COPPER ALLOY; min. 315µin TIN over 40-80µin NICKEL
3. INSULATORS: PBT GF UL 94 V-0, GREEN
4. SIGNAL CONTACTS: COPPER ALLOY
   PLATING :GOLD FLASH over NICKEL
   SOLDER CUP ACCEPTS CABLE AWG 20
5. HIGH POWER CONTACTS 10A: COPPER ALLOY
   PLATING MATING AREA: GOLD FLASH over NICKEL
   PLATING TERMINATION SIDE: 160-240µin TIN over 80µin NICKEL
   SOLDER CUP ACCEPTS CABLE AWG 16-20
6. THREADED INSERTS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
7. COLLARS: COPPER ALLOY; 200µin TIN over 80µin NICKEL
8. HEXLOCKING SCREWS: STAINLESS STEEL
9. FRAME: ZINC DIE CAST; NICKEL PLATED
10. O-RING: SILICONE; BLUE
11. RUBBER: GASKET; TPE
12. RECOMMENDED PANEL CUT-OUT ON SHEET 2
13. RECOMMENDED TORQUE FOR MOUNTING SCREW 35N cm
    (3.1 in.LB) /max.40 Ncm (3.5 in.LB)
14. CONNECTOR IS PART MARKED: 6017W2PAM61B30X CONEC ABC

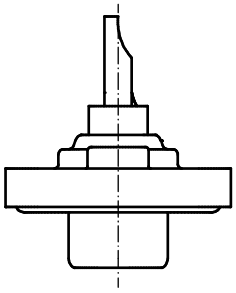
AT ALL TIMES WATER RESISTANT CONNECTORS
NOT IN USE SHOULD BE COVERED
WITH A CONEC WATER RESISTANT CAP
OR WATER TIGHT HOOD.

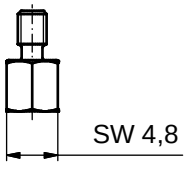












DO NOT ALTER CAD DRAWING BY HAND

rev.	description	date	name
a	Original		

tolerance

dim. in mm

	date	name
drawn	07.12.12	Henneboel
appd.	07.12.12	Fischer
norm		
d-old		

scale: 2:1

material: SEE NOTES

title:
D-SUB COMBINATION MALE
17W2P SOLDER CUP
threaded insert and hexlocking screw

dwg no: 15K1A1247

DIN-A3

sh: 1/2

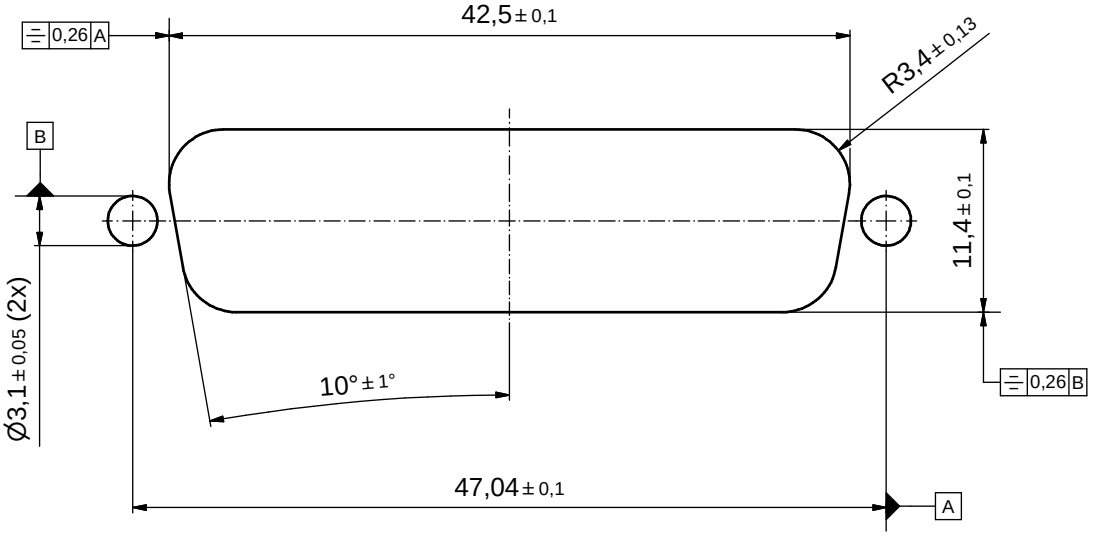
part no: 6017W2PAM61B30X

Directive 2002/95/EC RoHS compliant

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℃, 50 Watt m ax. 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℃, 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



rev.	description	date	name
a	Original		

tolerance — dim. in mm

	date	name
drawn	07.12.12	Henneboel
appd.	07.12.12	Fischer
norm		
d-old		

scale: 2:1
material: see sheet1
title:
PANEL CUT-OUT
D-SUB COM. MALE 17W2P SOLDER CUP
with threaded insert and hexlocking screw
dwg no: 15K1A1247
DIN-A3
sh: 2/2
part no: SEE SHEET 1