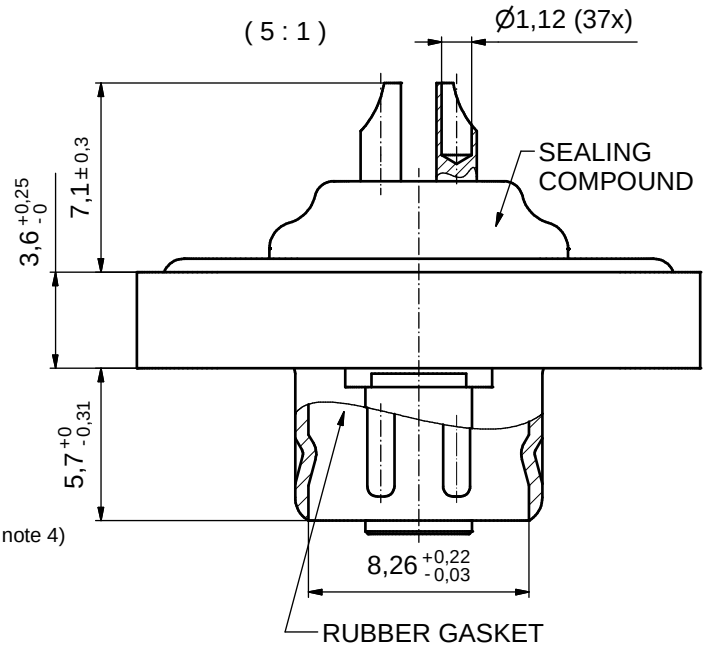
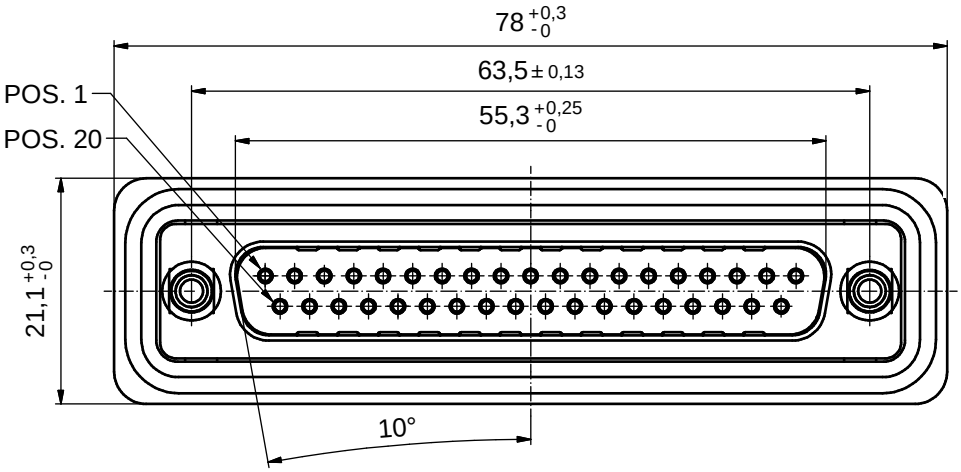
NOTES:

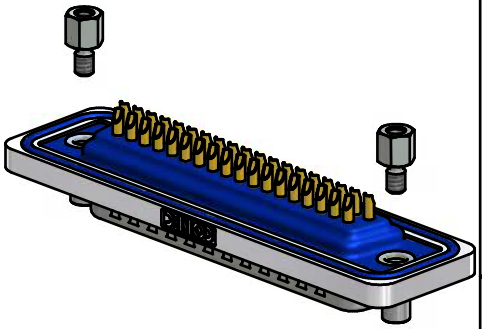
1. RECOMMENDED SOLDER INSTRUCTION ON SHEET 2
2. METALSHELLS: COPPER ALLOY; min. 315µin TIN over 40-80µin NICKEL
3. INSULATORS: PBT GF UL 94 V-0; BLACK
4. CONTACTS: COPPER ALLOY; PLATING: (SEE PART NO.):
   ☐ PLEASE ADD A for GOLD FLASH over NICKEL (PREFERRED TYPE)
   ⓑ ☐ PLEASE ADD B for 20µin HARD GOLD over min. 50µin NICKEL
   ☐ PLEASE ADD C for 30µin HARD GOLD over min. 50µin NICKEL
   SOLDER CUP ACCEPTS CABLE AWG 20
5. THREADED LOCKS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
6. COLLARS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
7. HEXLOCKING SCREWS: STAINLESS STEEL
8. FRAME: ZINC DIE CAST; NICKEL PLATED
9. O-RING: SILICONE; BLUE
10. RUBBER GASKET: TPE; BLACK
11. SEALING COMPOUND: PUR; BLUE
12. RECOMMENDED PANEL CUT-OUT ON SHEET 2
13. RECOMMENDED TORQUE FOR MOUNTING SCREW 35Ncm (3.1 in.LB) / max. 40Ncm (3.5 in.LB)
14. CONNECTOR IS PART MARKED: 6STD37P☐M99B50X CONEC ABC (see note 4)

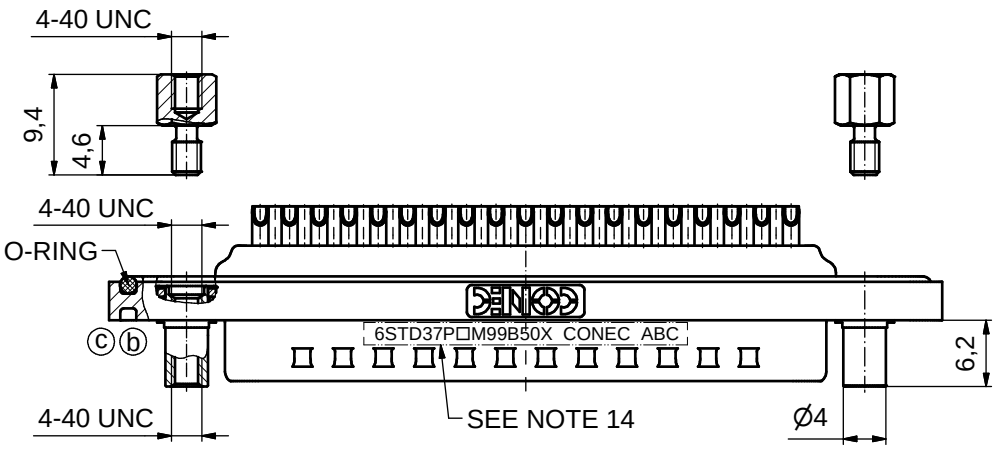
(5 : 1)

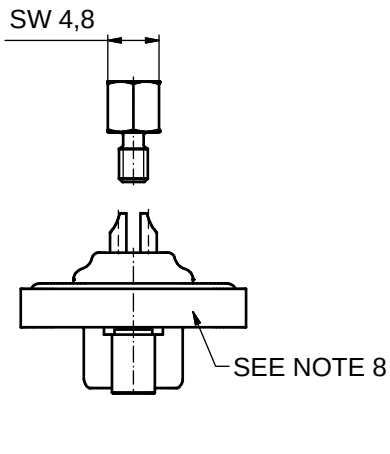


AT ALL TIMES WATER RESISTANT CONNECTORS NOT IN USE SHOULD BE COVERED WITH A CONEC WATER RESISTANT CAP OR WATER TIGHT HOOD.









RoHS compliant

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rev.	description	date	name
1 x c	Ä 6082	12.04.2016	Lehm.
3 x b	Ä 5099	13.02.2014	K.H.
a	Original		

tolerance — dim. in mm

	date	name
drawn	13.02.14	Henneboel
appd.	20.02.14	Lehmenkühler
norm		
d-old	18K1A437/18K2A437	

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

title:
D-SUB MALE
37pos. SOLDER CUP
with threaded lock and hexlocking screw

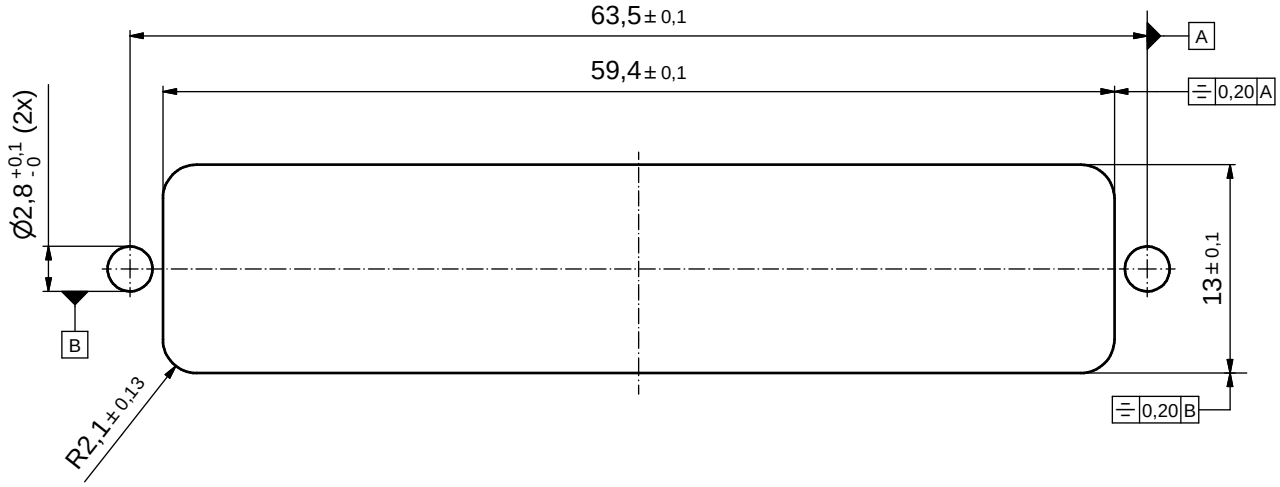
dwg no: 15K1A1450 ⓑ
DIN-A3
sh: 1/2

part no: 6STD37P☐M99B50X (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℃, 50 Watt m ax. and use a pencil tip.
4. Apply some solder to the solder tip of the soldering iron.
5. Put tip to wire in solder cup.
6. After 1 second bring in solder.
7. Heat for 3 seconds longer. Do not heat contact more than 4 seconds in total.
8. Remove soldering iron.
9. Wait until solder gets rigid again.
10. Do not solder adjacent contacts consecutively,
    alternate position within the connector to minimize heat build up.

RECOMMENDED PANEL CUT-OUT



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rev.	description	date	name
a	Original		

tolerance — dim. in mm

	date	name
drawn	13.02.14	Henneboel
appd.	20.02.14	Lehmenkühler
norm		
d-old		

scale: 3:1
material: SEE SHEET 1
title: RECOMMENDED PANEL CUT-OUT
D-SUB MALE 37pos. SOLDER CUP
with threaded lock and hexlocking screw
dwg no: 15K1A1450
DIN-A3
sh: 2/2
part no: SEE SHEET 1