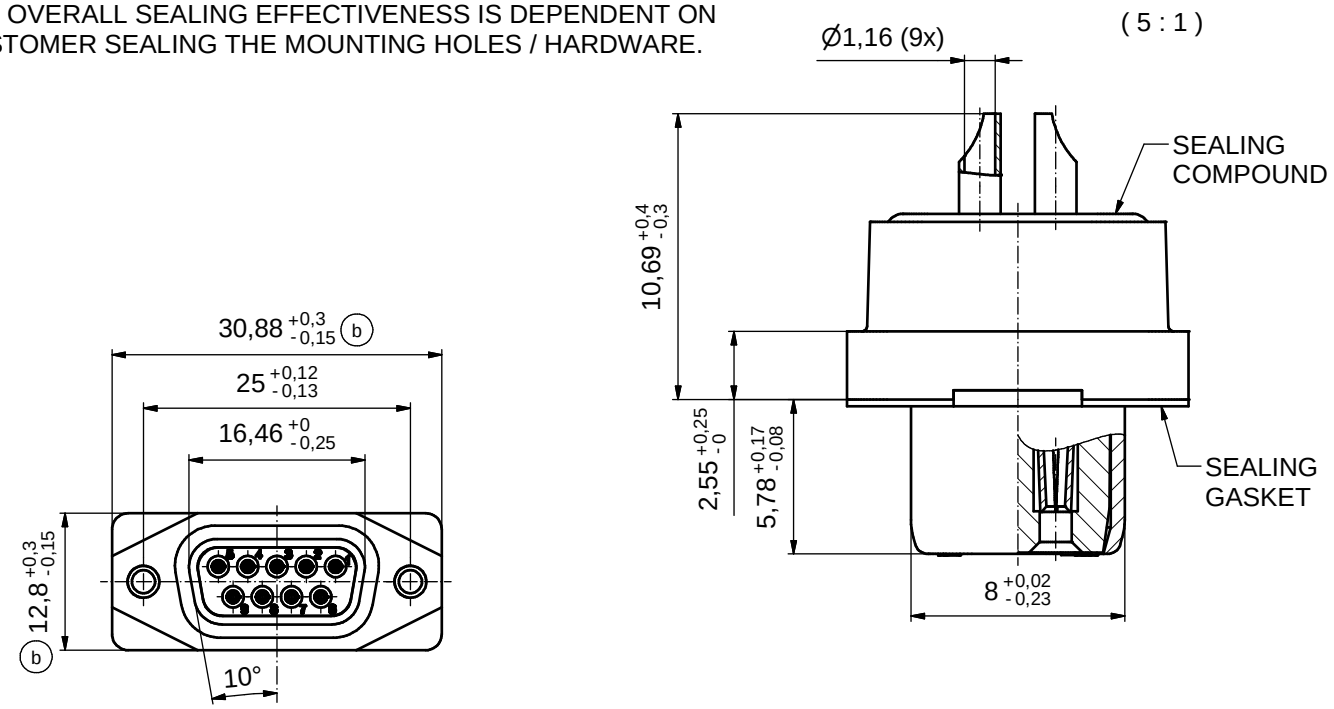
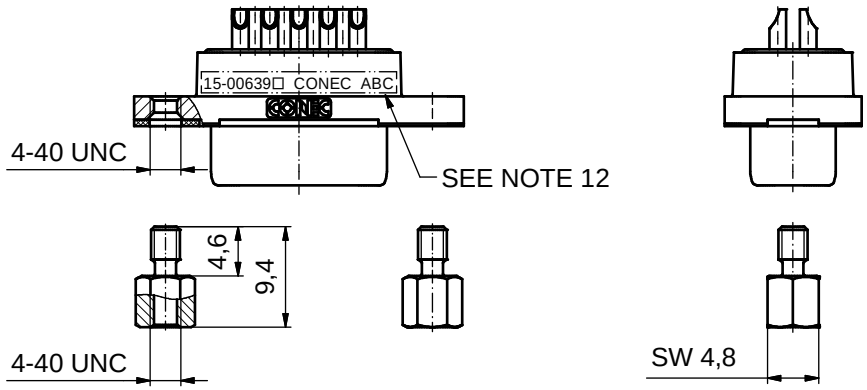
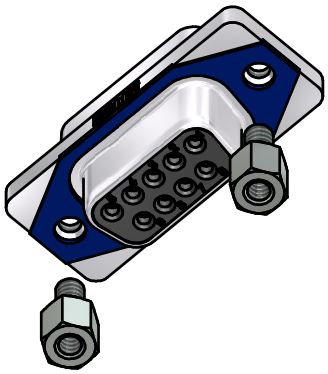
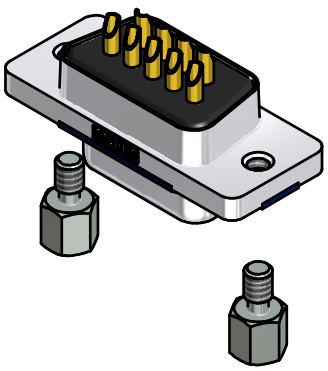
CUSTOMER IS RESPONSIBLE FOR SEALING THE MOUNTING HOLES.
THE OTHER PARTS OF THE CONNECTOR ARE CONSIDERED IP67,
BUT THE OVERALL SEALING EFFECTIVENESS IS DEPENDENT ON
THE CUSTOMER SEALING THE MOUNTING HOLES / HARDWARE.

(5 : 1)









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; BLACK
6. SEALING GASKET: SILICONE 70 SHORE A; BLUE
7. SEALING COMPOUND: EPOXY RESIN UL 94 V-0; BLACK
8. CONTACTS: COPPER ALLOY; PLATING (SEE PART-NO.):
   ☐ PLEASE ADD 1 for 30µin HARD GOLD over min. 50µin NICKEL
   ☐ PLEASE ADD 3 for GOLD FLASH over NICKEL
   SOLDER CUP ACCEPTS CABLE AWG 20
9. HEXLOCKING SCREWS: STAINLESS STEEL
10. RECOMMENDED PANEL CUT-OUT ON SHEET 2
11. RECOMMENDED TORQUE FOR MOUNTING SCREW
    35Ncm (3.1 in.LB) / max. 67Ncm (6 in.LB)
12. CONNECTOR IS PART MARKED: 15-00639☐ CONEC ABC (see note 8)

RoHS compliant

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DO NOT ALTER CAD DRAWING BY HAND

rev.	description	date	name
2 x b	Ä5800	04.09.15	M.H.
a	Original		

tolerance — dim. in mm

	date	name
drawn	30.09.2014	Lehmenkühler
appd.	26.01.2015	Fischer
norm		
d-old		

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

title:
D-SUB FEMALE
9pos. SOLDER CUP
with open 4-40 UNC thread

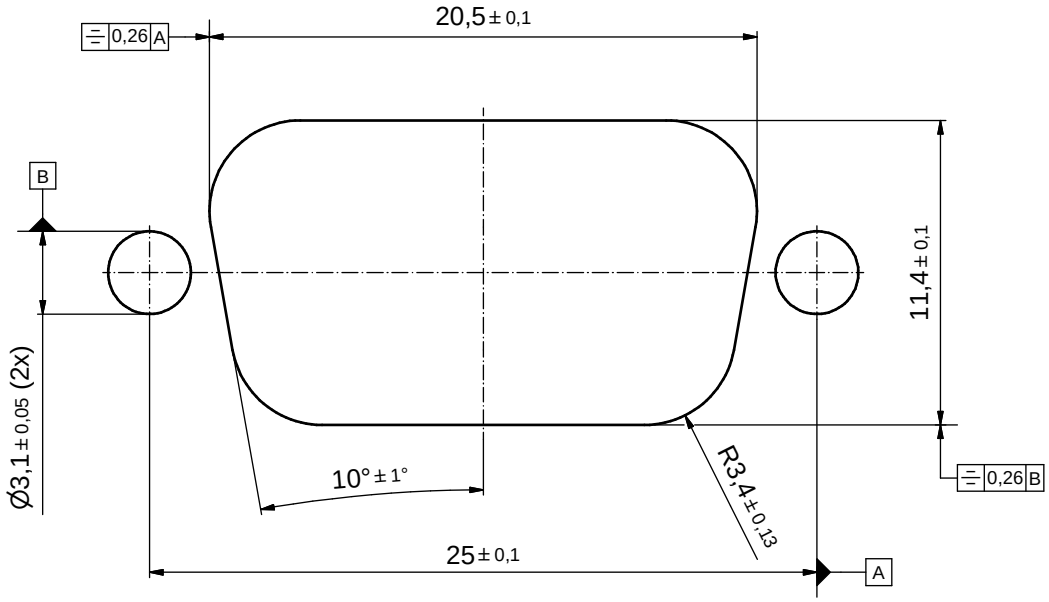
dwg no: 15K1A1542
DIN-A3
sh: 1

part no: 15-00639☐ (see note 8)

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



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rev.	description	date	name
a	Original		

tolerance — dim. in mm

	date	name
drawn	30.09.2014	Lehmenkühler
appd.	26.01.2015	Fischer
norm		
d-old		

scale: 5:1
material: SEE SHEET 1
title: RECOMMENDED PANEL CUT-OUT
D-SUB FEMALE 9pos. SOLDER CUP
with open 4-40 UNC thread
dwg no: 15K1A1542
DIN-A3
sh: 2
part no: SEE SHEET 1