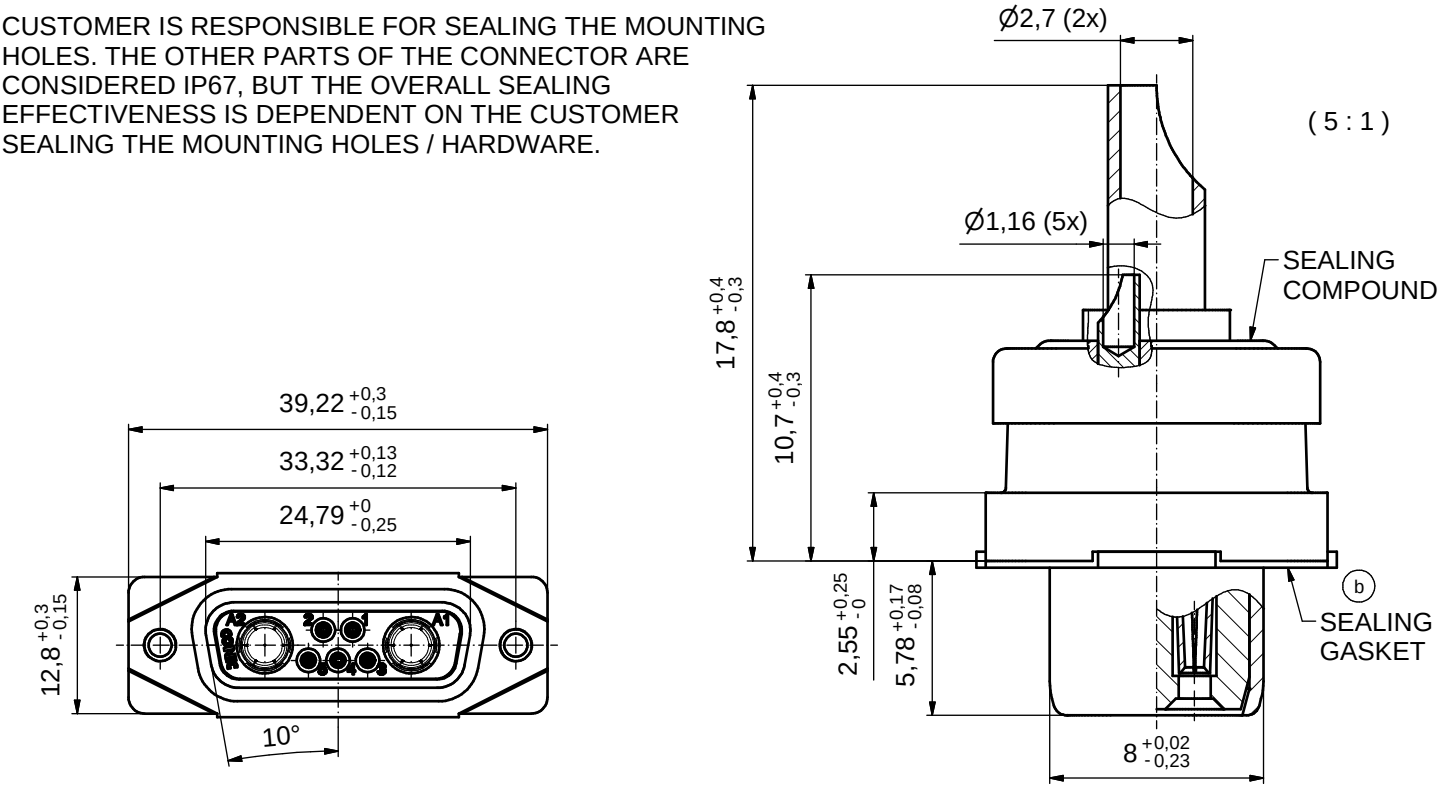
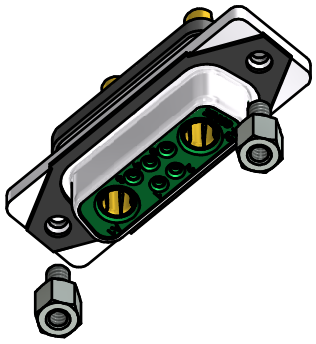
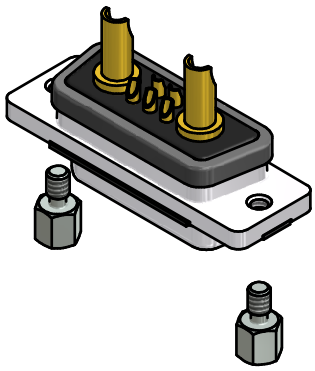
CUSTOMER IS RESPONSIBLE FOR SEALING THE MOUNTING HOLES. THE OTHER PARTS OF THE CONNECTOR ARE CONSIDERED IP67, BUT THE OVERALL SEALING EFFECTIVENESS IS DEPENDENT ON THE CUSTOMER SEALING THE MOUNTING HOLES / HARDWARE.



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
6. EXTENSION: HIGH TEMPERATURE PLASTIC UL 94-V0
7. SEALING GASKET: SILICONE
8. SEALING COMPOUND: EPOXY
9. SIGNAL CONTACTS: COPPER ALLOY
   PLATING (SEE PART-NO.):
   30µin HARD GOLD over min. 50µin NICKEL if 1☐ in PART NO.
   GOLD FLASH over NICKEL if 3☐ in PART NO.
   SOLDER CUP ACCEPTS CABLE AWG20
10. 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 GOLD FLASH over NICKEL
    PLATING, TERMINATION SIDE: GOLD FLASH over NICKEL
    SOLDER CUP ACCEPTS CABLE AWG 12-14
11. HEXLOCKING SCREWS: STAINLESS STEEL
12. RECOMMENDED PANEL CUT-OUT ON SHEET 2
13. RECOMMENDED TORQUE FOR MOUNTING SCREW
    35Ncm (3.1 in.LB) / max. 67Ncm (6 in.LB)
14. CONNECTOR IS PART MARKED: 15-00683☐ CONEC ABC (see note 10)





RoHS compliant

rev.	description	date	name
2 x b	Ä6417	27.06.2017	Unkrüer
a	Original		

tolerance: dim. in mm

	date	name
drawn	15.09.2015	Lehmenkühler
appd.	21.09.2015	Fischer
norm		
d-old		

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

title:
D-SUB COMBINATION FEMALE
7W2S SOLDER CUP
with open 4-40 UNC thread

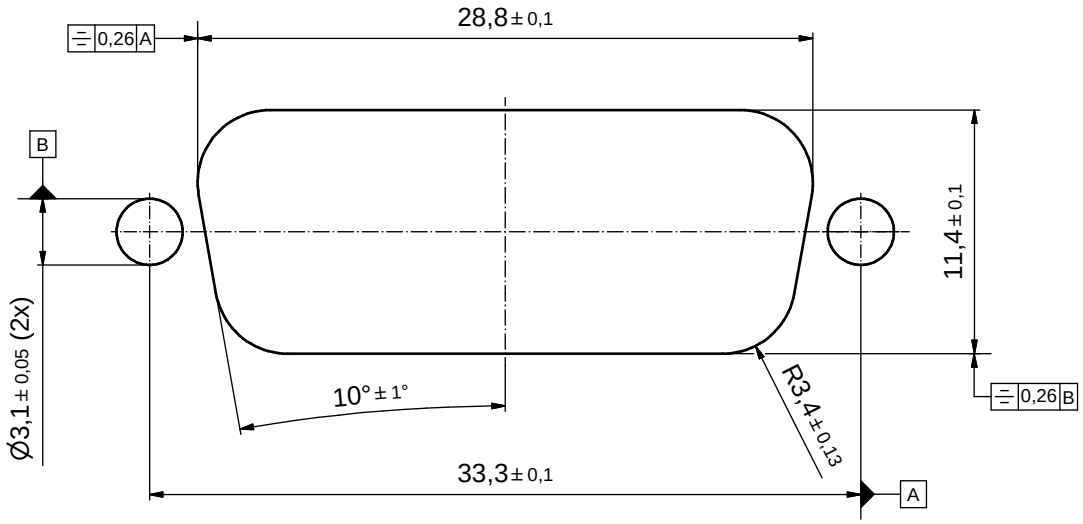
dwg no: 15K1A1665
DIN-A3
sh: 1

part no: 15-00683☐ (see note 10)

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. Apply some solder to the solder tip of the soldering iron.
   3.3. Put tip to wire in solder cup.
   3.4. After 1 second bring in solder.
   3.5. 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. Apply some solder to the solder tip of the soldering iron.
   4.3. Put tip to wire in solder cup.
   4.4. After 1 second bring in solder.
   4.5. 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	15.09.2015	Lehmenkühler
appd.	21.09.2015	Fischer
norm		
d-old		

scale: 4:1
material: SEE SHEET 1
title: RECOMMENDED PANEL CUT-OUT
D-SUB COMBINATION FEMALE 7W2S SOLDER CUP with open 4-40 UNC thread
dwg no: 15K1A1665
DIN-A3
sh: 2
part no: SEE SHEET 1