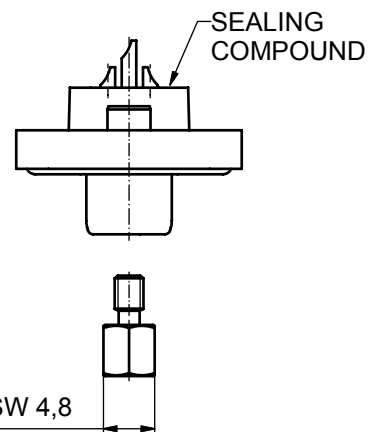


1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. IP RATING: IP 67
3. SEALED TO WITHSTAND PRESSURE UP TO 1,45 PSI  
FOR 30 MINUTES AFTER SOLDERING
4. METAL SHELL: ZINC DIE CAST; min. 50µin NICKEL PLATING over COPPER
5. INSULATORS: PBT GF UL 94 V-0, BLACK
6. O-RING: SILICONE PER ASTM D2000 70 SHORE A
7. 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 8µin HARD GOLD over min. 50µin NICKELSOLDER CUP ACCEPTS CABLE AWG 22
9. HEXLOCKING SCREWS: STAINLESS STEEL
10. RECOMMENDED PANEL CUT-OUT ON SHEET 2
11. RECOMMENDED TORQUE FOR MOUNTING SCREW  
35Nm (3.1 in.LB) / max.67Nm (6 in.LB)
12. CONNECTOR IS PART MARKED: 15-00071 CONEC ABC

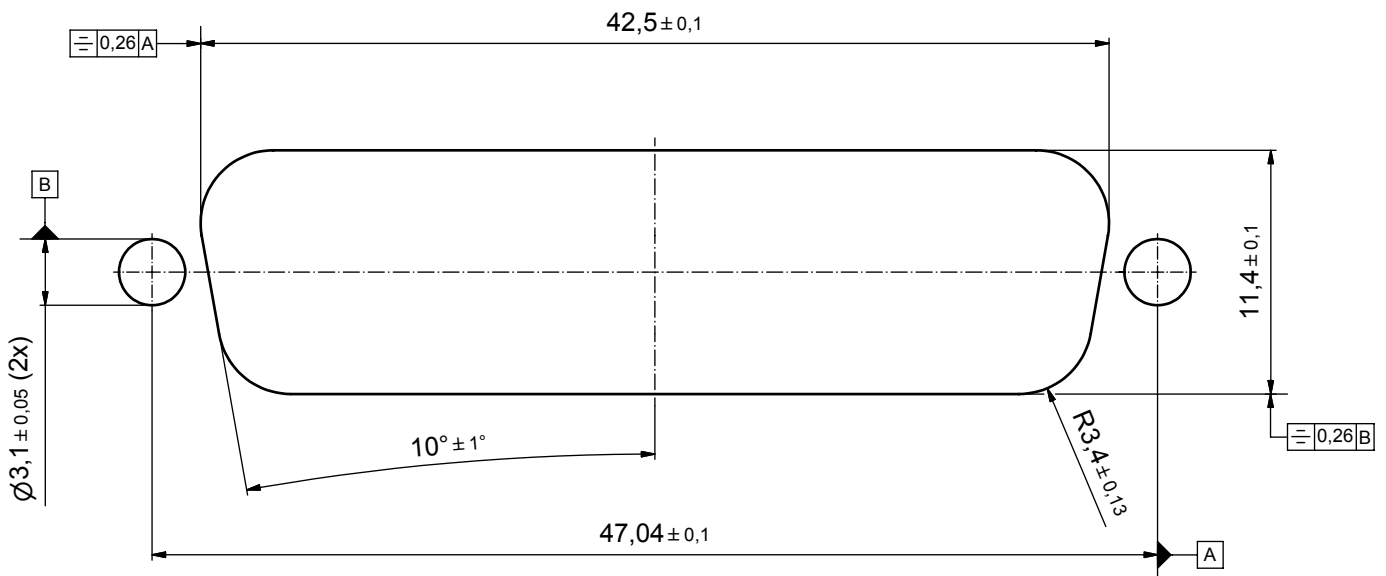


|                                                                                                                                                         |  |                        |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|------------|
| scale:                                                                                                                                                  |  | 2:1 (5:1)              |            |
| material:                                                                                                                                               |  | see notes              |            |
| title:<br><div style="text-align: center;"> <b>D-SUB FEMALE HD</b><br/>           44pos. SOLDER CUP<br/>           with hexlocking screw         </div> |  |                        |            |
| dwg no:                                                                                                                                                 |  | inventor 10            | DIN-<br>A3 |
| 15K1A304                                                                                                                                                |  | sh: 1                  |            |
|                                                                                                                                                         |  |                        |            |
| part no:                                                                                                                                                |  | 15-00071□ (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



|                                                           |        |
|-----------------------------------------------------------|--------|
| APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL |        |
| CUSTOMER APPROVAL DATE:                                   |        |
| NAME:                                                     | TITLE: |
| COMPANY NAME:                                             |        |
| APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL |        |

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| rev. | description | date | name |
|------|-------------|------|------|
| a    | Origin      |      |      |

| tolerance |          | dim. in mm |  |
|-----------|----------|------------|--|
| drawn     | 17.10.08 | Petker     |  |
| appd.     | 23.10.08 | Fischer    |  |
| norm      |          |            |  |
| d-old     |          |            |  |

**CONEC**<sup>®</sup>

|                                                                                    |             |
|------------------------------------------------------------------------------------|-------------|
| scale: 4:1                                                                         |             |
| material: see sheet 1                                                              |             |
| title: PANEL CUT-OUT<br>D-SUB FEMALE HD 44pos. SOLDER CUP<br>with hexlocking screw |             |
| dwg no:                                                                            | Inventor 10 |
| 15K1A304                                                                           |             |
| part no: see sheet 1                                                               |             |
| DIN-A3<br>sh: 2                                                                    |             |