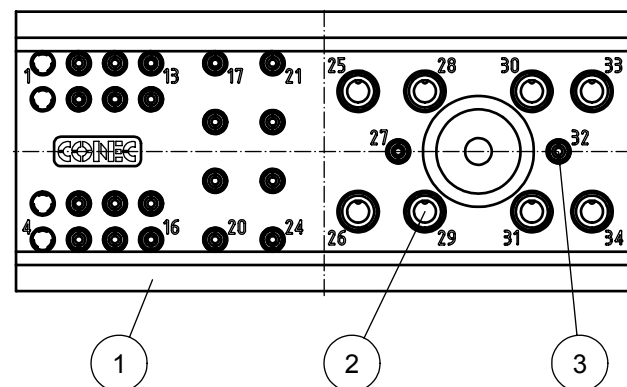
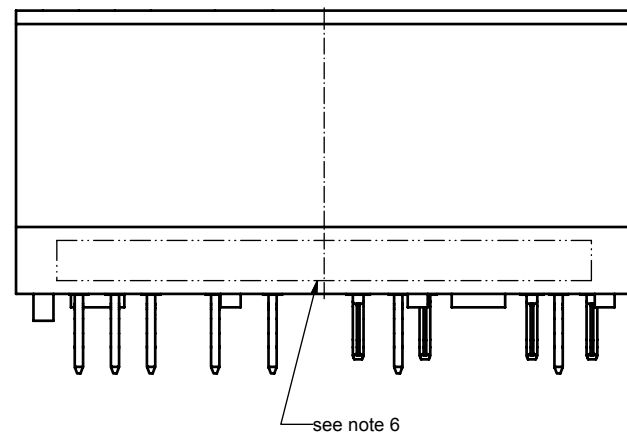
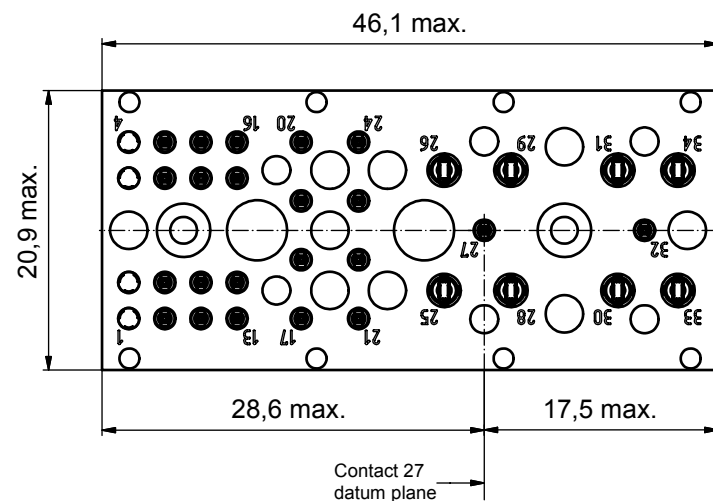
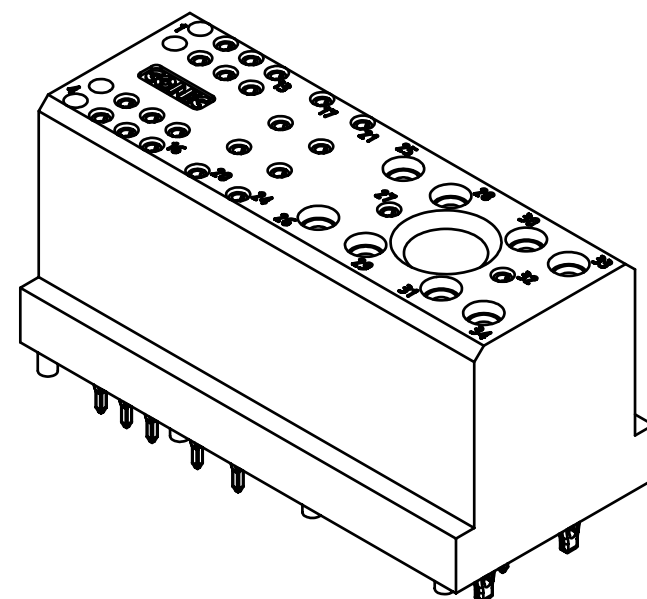
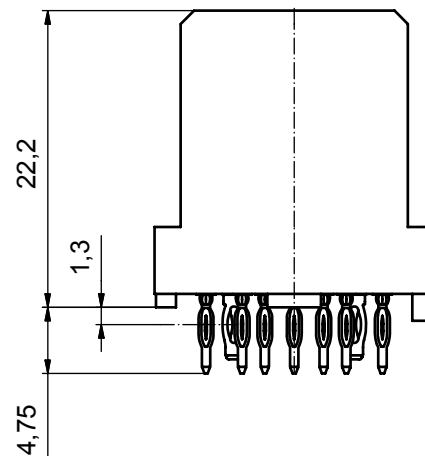




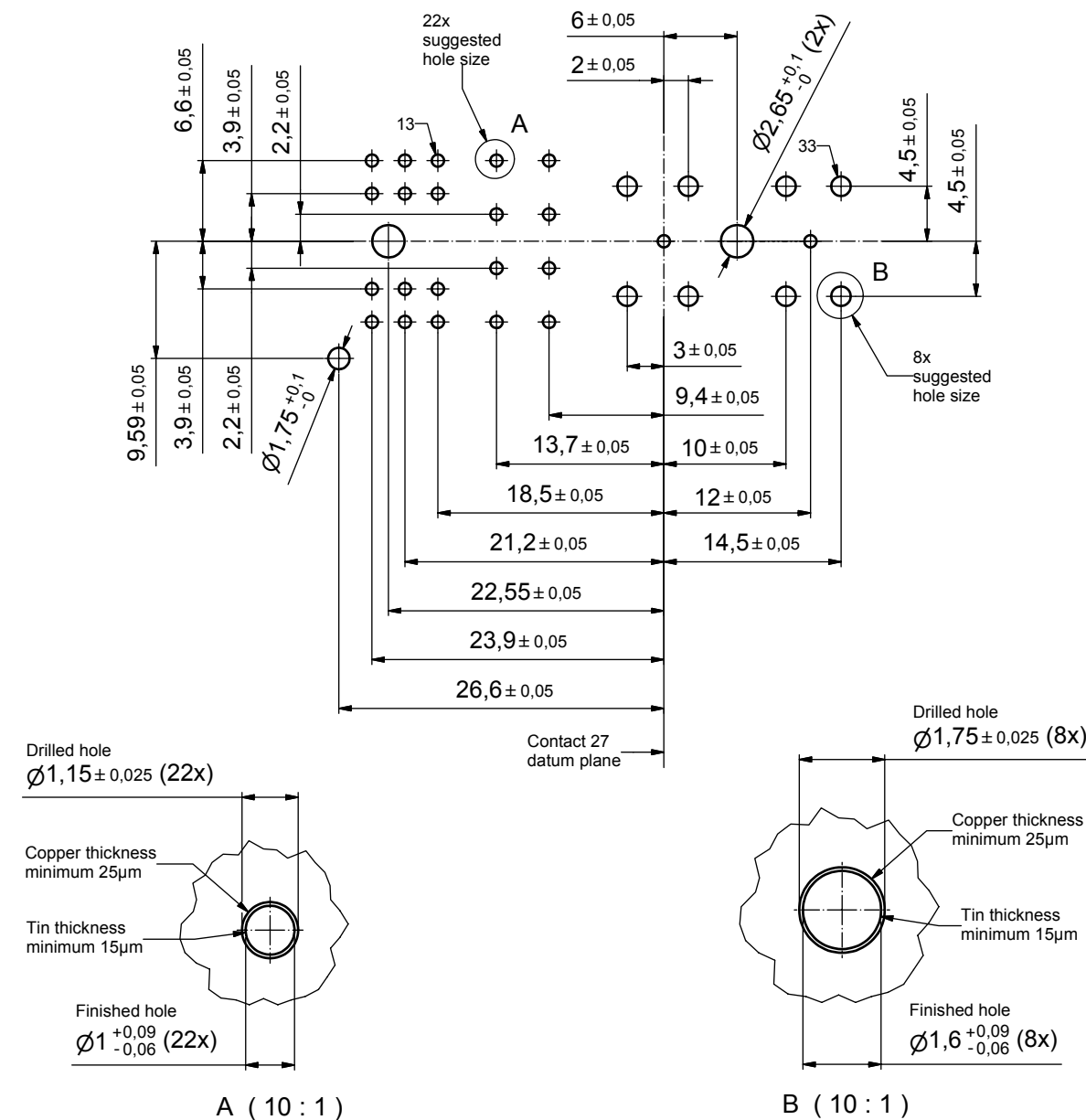
## NOTES:

- MATERIALS AND FINISHES:
  - INSULATOR: GLASS FILLED PLASTIC UL 94 V-0 RATED, GREY RAL 7035
  - CONTACTS: COPPER ALLOY, PLATING MATING AREA: 0,8 µM GOLD OVER NICKEL  
PLATING TERMINATION AREA: 0,8-1,5 µM TIN (SN 100)
- ELECTRICAL CHARACTERISTICS:
  - CREeping AND CLEARANCE DISTANCE; MINIMUM SPACING:
  - CONTACTS 5-16 TO ANY OTHER CONTACT WITHIN THIS GROUP: 0,7 MM
  - CONTACTS 17-24 TO ANY OTHER CONTACT WITHIN THIS GROUP: 2,5 MM
  - CONTACT 25 TO 26: 5,5 MM
  - CONTACTS 27-34 TO ANY OTHER CONTACT WITHIN THIS GROUP: 1,4 MM
  - CONTACTS 13-16 TO 17-20: 3,0 MM
  - CONTACTS 21-24 TO 25-26: 4,0 MM
  - CONTACTS 25-26 TO 27-29: 2,0 MM
- CONTACT CURRENT RATING:
  - POWER CONTACTS: 16 AMPERES MINIMUM, TESTED PER CSA C22.2 NO. 182.3-M1987, ALL CONTACTS UNDER LOAD
  - SIGNAL CONTACTS: 2 AMPERES NOMINAL
- INITIAL CONTACT RESISTANCE PER IEC 512-2, TEST 2b:
  - POWER CONTACTS: 0,0022 OHM MAX.
  - SIGNAL CONTACTS: 0,0085 OHM MAX.
- INSULATION RESISTANCE: 5 G OHM PER IEC 512-2, TEST 3a, METHOD A
- POSITIONS WITHOUT CONTACTS: 1, 2, 3, 4
- WORKING TEMPERATURE: -55°C TO +125°C
- PRESS-FIT PART OF CONTACTS ARE PATENT PROTECTED
- CONNECTOR IS PART MARKED: PART-NO. CONEC ABC



Directive 2002/95/EC  
„RoHS“  
Compliant

## PCB hole pattern



|                            |                                        |                      |                |                                                                     |
|----------------------------|----------------------------------------|----------------------|----------------|---------------------------------------------------------------------|
| 22                         | Signal contact (Pos. 5-24,27,32)       | 3                    |                |                                                                     |
| 8                          | Power contact (Pos. 25,26,28-31,33,34) | 2                    |                |                                                                     |
| 1                          | Case 34pos. female                     | 1                    |                |                                                                     |
| quantity                   | part description                       | item                 | dwg no. / norm | material                                                            |
| partlist                   |                                        |                      |                |                                                                     |
| finish: see notes          |                                        | tolerance ISO 2768-m | dim. in mm     | scale: 2,5:1 (10:1)                                                 |
|                            |                                        | date                 | name           | material: see notes                                                 |
|                            |                                        | drawn 22.08.05       | Mankopf        | title: FEMALE CONNECTOR 30pos.<br>PRESS-FIT STRAIGHT<br>AdvancedTCA |
|                            |                                        | appd. 22.08.05       | Kühle          |                                                                     |
|                            |                                        | norm                 |                |                                                                     |
|                            |                                        | d-old                |                |                                                                     |
| rev. description date name |                                        | CONEC®               |                | dwg no: Inventor DIN-A2                                             |
|                            |                                        |                      |                | sh: 1                                                               |
|                            |                                        |                      |                | part no: ATC30W08FGE1S5X                                            |