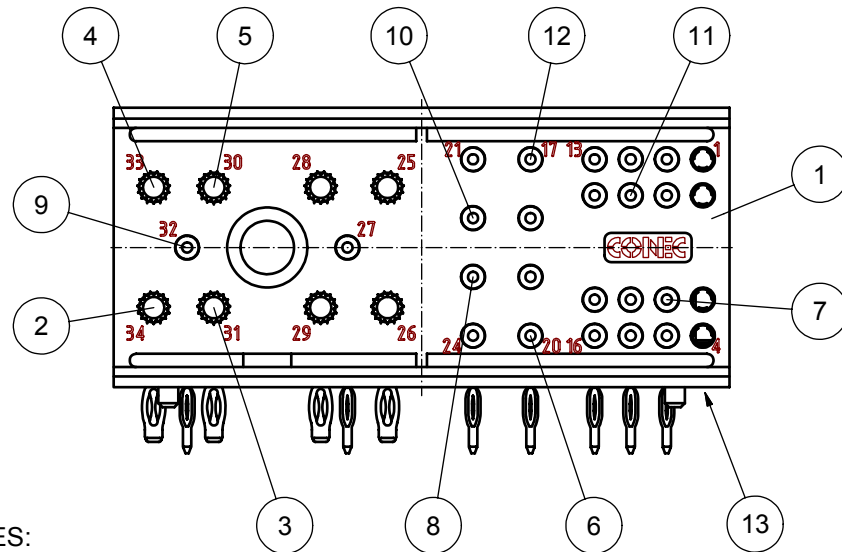
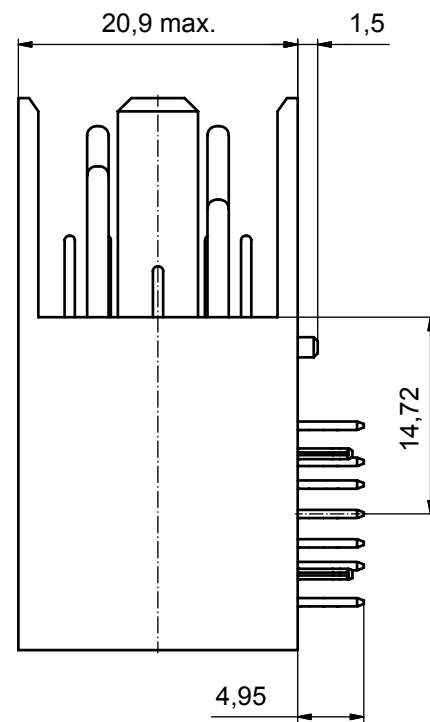
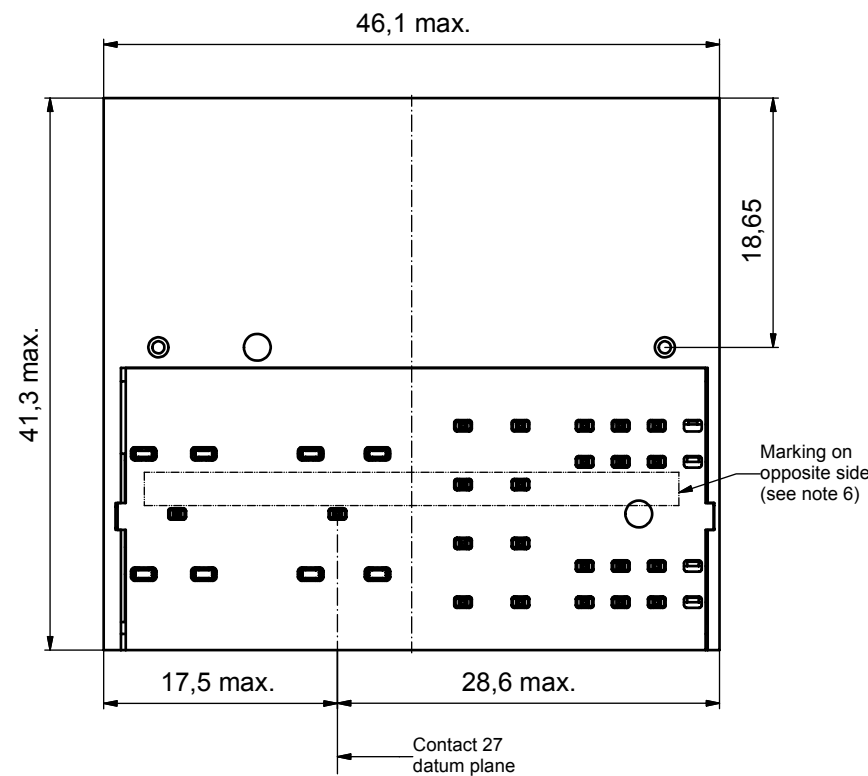




NOTES:

1. 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)

2. 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.

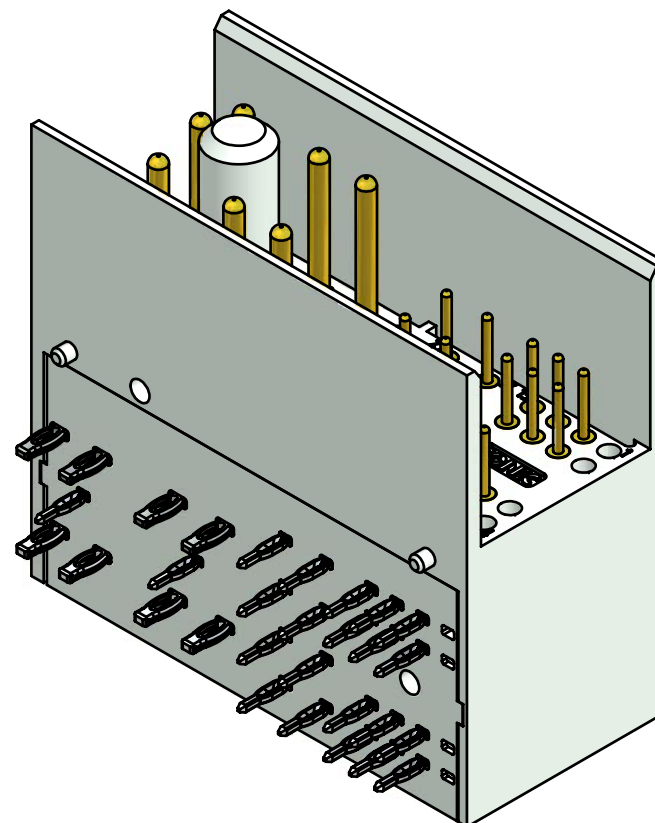
INSULATION RESISTANCE: 5 G OHM PER IEC 512-2, TEST 3a, METHOD A

3. POSITIONS WITHOUT CONTACTS: 1, 2, 3, 4

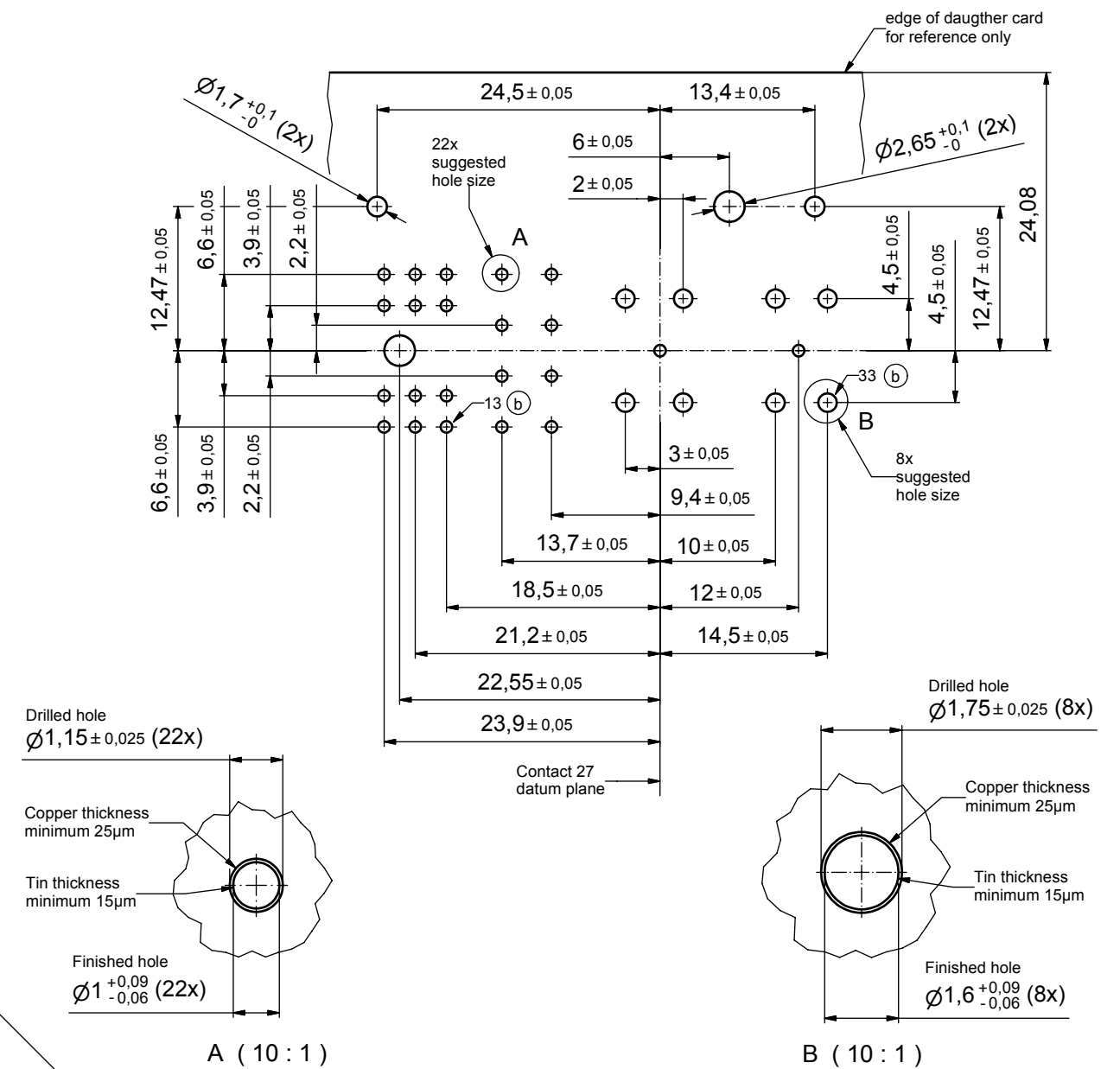
4. WORKING TEMPERATURE: -55°C TO +125°C

5. PRESS-FIT PART OF CONTACTS ARE PATENT PROTECTED

6. CONNECTOR IS PART MARKED: PART-NO. CONEC ABC



PCB hole pattern



1	Fixing plate	13							
5	Signal contact type 7	12							
3	Signal contact type 6	11							
2	Signal contact type 5	10							
2	Signal contact type 4	9							
2	Signal contact type 3	8							
3	Signal contact type 2	7							
5	Signal contact type 1	6							
3	Power contact type 4	5							
1	Power contact type 3	4							
3	Power contact type 2	3							
1	Power contact type 1	2							
1	Case 34pos. male	1							
quantity	part description		item	dwg no. / norm	material				
partlist									
THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH	DO NOT ALTER CAD DRAWING BY HAND	finish:		tolerance			scale:		
		see notes		ISO 2768-m			2,5:1 (10:1)		
							dim. in mm	material:	
								see notes	
								title:	
								MALE CONNECTOR 30pos.	
								PRESS-FIT ANGLED	
								AdvancedTCA	
								dwg no:	
								Inventor	
								DIN-	
								A2	
								sh: 1	
								part no:	
								ATC30W08MAE1S5X	

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Compliant