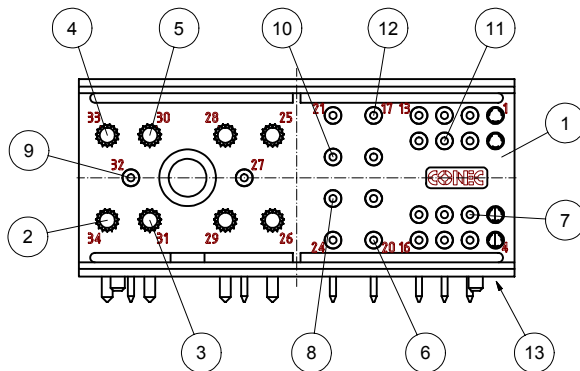
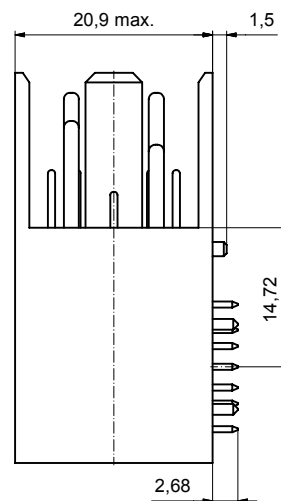
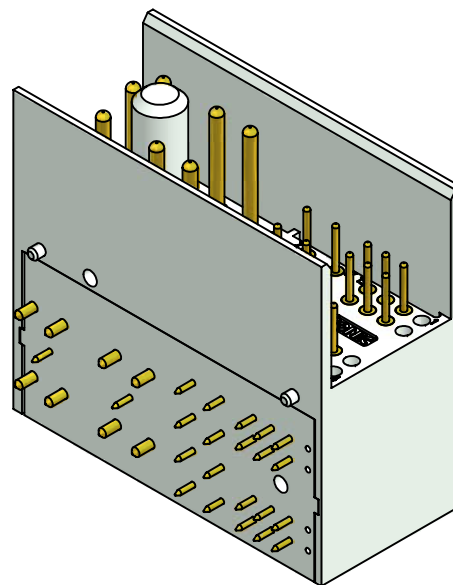




- INSULATOR: GLASS FILLED PLASTIC UL 94 V-0 RATED, GREY RAL 7035
 - CONTACTS: COPPER ALLOY, PLATING: 0,8 µM GOLD OVER NICKEL
2. ELECTRICAL CHARACTERISTICS:
- CREEPING AND CLEARANCE DISTANCE; MINIMUM SPACING:
- CONTACTS 5-16 TO ANY OTHER CONTACT WITHIN THIS GROUP: 0,7 MM
 - CONTACTS 17-24 TO ANY OTHER 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. CONNECTOR IS PART MARKED: [PART-NO. CONEC ABC]



Directive 2002/95/EC
"RoHS"
Compliant

edge of daughter card for reference only

$\varnothing 1,7^{+0,1}_{-0} (2x)$

$24,5 \pm 0,05$

$13,4 \pm 0,05$

$6 \pm 0,05$

$2 \pm 0,05$

$\varnothing 2,65^{+0,1}_{-0} (2x)$

$12,47 \pm 0,05$

$6,6 \pm 0,05$

$3,9 \pm 0,05$

$2,2 \pm 0,05$

$\varnothing 1 \pm 0,1 (22x)$

$13(b)$

$33(b)$

$\varnothing 1,6 \pm 0,1 (8x)$

$4,5 \pm 0,05$

$4,5 \pm 0,05$

$12,47 \pm 0,05$

$24,08$

$6,6 \pm 0,05$

$3,9 \pm 0,05$

$2,2 \pm 0,05$

$3 \pm 0,05$

$9,4 \pm 0,05$

$13,7 \pm 0,05$

$10 \pm 0,05$

$12 \pm 0,05$

$14,5 \pm 0,05$

$18,5 \pm 0,05$

$21,2 \pm 0,05$

$22,55 \pm 0,05$

$23,9 \pm 0,05$

Contact 27 datum plane

1	Fixing plate	13		
5	Signal contact type 7 (Pos. 5,9,13,17,21)	12		
3	Signal contact type 6 (Pos. 6,10,14)	11		
2	Signal contact type 5 (Pos. 18,22)	10		
2	Signal contact type 4 (Pos. 27,32)	9		
2	Signal contact type 3 (Pos. 19,23)	8		
3	Signal contact type 2 (Pos. 7,11,15)	7		
5	Signal contact type 1 (Pos. 8,12,16,20,24)	6		
3	Power contact type 4 (Pos. 25,28,30)	5		
1	Power contact type 3 (Pos. 33)	4		
3	Power contact type 2 (Pos. 26,29,31)	3		
1	Power contact type 1 (Pos. 34)	2		
1	Case 34pos. male	1		
quantity	part description	item	dwg no. / norm	material
partlist				
finish:		tolerance	2,5:1 (10:1)	
see notes		ISO 2768-m	material: see notes	
			title:	
		dim. in mm	MALE CONNECTOR 30pos.	
		date	SOLDER PIN ANGLED	
		name	AdvancedTCA	
		drawn 22.08.05	dwg no: Inventor	
		appd. 22.08.05	46K2A003	
		norm	part no: ATC30W08MARCS5X	
		d-old	DIN A2	
			sh: 1	
2 x b A 2592 23.10.06 HS				
rev. description date name				