

NOTES:

- MATERIALS AND FINISHES:**
 - INSULATOR: GLASS FILLED PLASTIC UL 94 V-0 RATED, GREY RAL 7035
 - CONTACTS: COPPER ALLOY, PLATING: 0,8 µM GOLD OVER NICKEL
- 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:

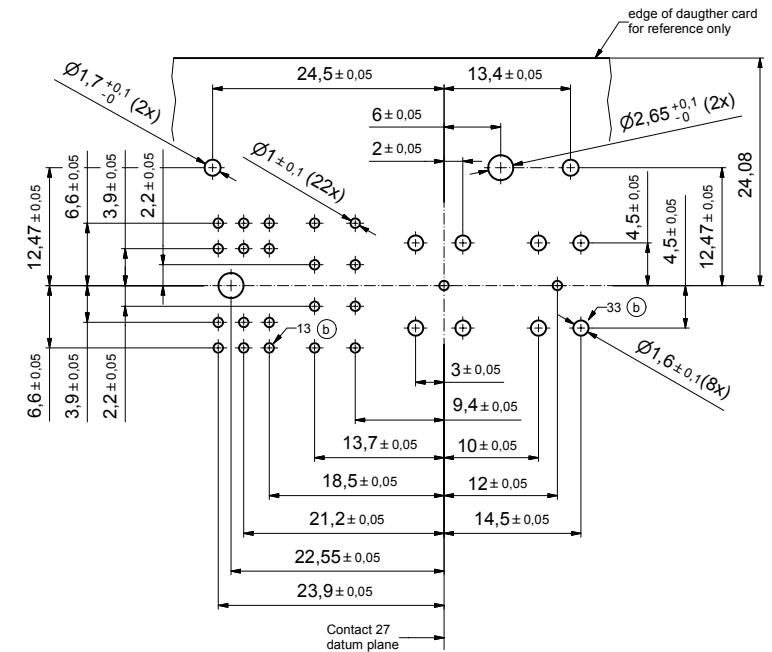
 - POWER CONTACTS: 16 AMPERES MINIMUM, TESTED PER CSA C22.2 NO. 182.3-M1987, ALL CONTACTS UNDER LOAD
 - SIGNAL CONTACTS: 2 AMPERES NOMINAL

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
- CONNECTOR IS PART MARKED:** [PART-NO. CONEC ABC]

PCB hole pattern



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	partlist	item	dwg no. / norm material

THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT THE WRITTEN PERMISSION AND COPYRIGHT OF CONEC GmbH	finish:	tolerance	scale:	2,5:1 (10:1)
	see notes	ISO 2768-m	material:	see notes
	date	name	title:	
	drawn 22.08.05	Mankopf	MALE CONNECTOR 30pos.	
appd. 22.08.05	Kühle	SOLDER PIN ANGLED		
norm		AdvancedTCA		
d-old		dwg no:	[Inventor]	DIN-
2 x b	Ä 2592	23.10.06	HS	A2
rev.	description	date	name	sh: 1
			CONEC	part no: 46K2A003
				ATC30W08MARCS5X



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