

NOTES:

1. MATERIALS AND FINISHES:

- INSULATOR: GLASS FILLED PLASTIC UL 94 V-0 RATED, GREY RAL 7035
- CONTACTS: COPPER ALLOY, PLATING: FLASH GOLD OVER NICKEL

2. ELECTRICAL CHARACTERISTICS:

CREEPING AND CLEARANCE DISTANCE; MINIMUM:

- CONTACT 47 TO CONTACT 46: 2.5 MM
- CONTACT 47 TO CONTACT 45: 3.2 MM
- CONTACT 46 TO CONTACT 45: 3.2 MM
- CONTACT 47 TO SIGNAL CONTACTS: 6.4 MM
- CONTACT 46 TO SIGNAL CONTACTS: 6.4 MM
- CONTACT 45 TO SIGNAL CONTACTS: 2.0 MM

CONTACT CURRENT RATING:

- POWER CONTACTS POS. 45-47: 40 AMPERES CONTINUOUS, ALL CONTACTS UNDER LOAD
- POWER CONTACTS POS. 1-20: 28 AMPERES CONTINUOUS, ALL CONTACTS UNDER LOAD
- SIGNAL CONTACTS: 3 AMPERES NOMINAL

INITIAL CONTACT RESISTANCE PER IEC 512-2, TEST 2b:

- POWER CONTACTS: 0.0007 OHM MAX.
- SIGNAL CONTACTS: 0.004 OHM MAX.

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

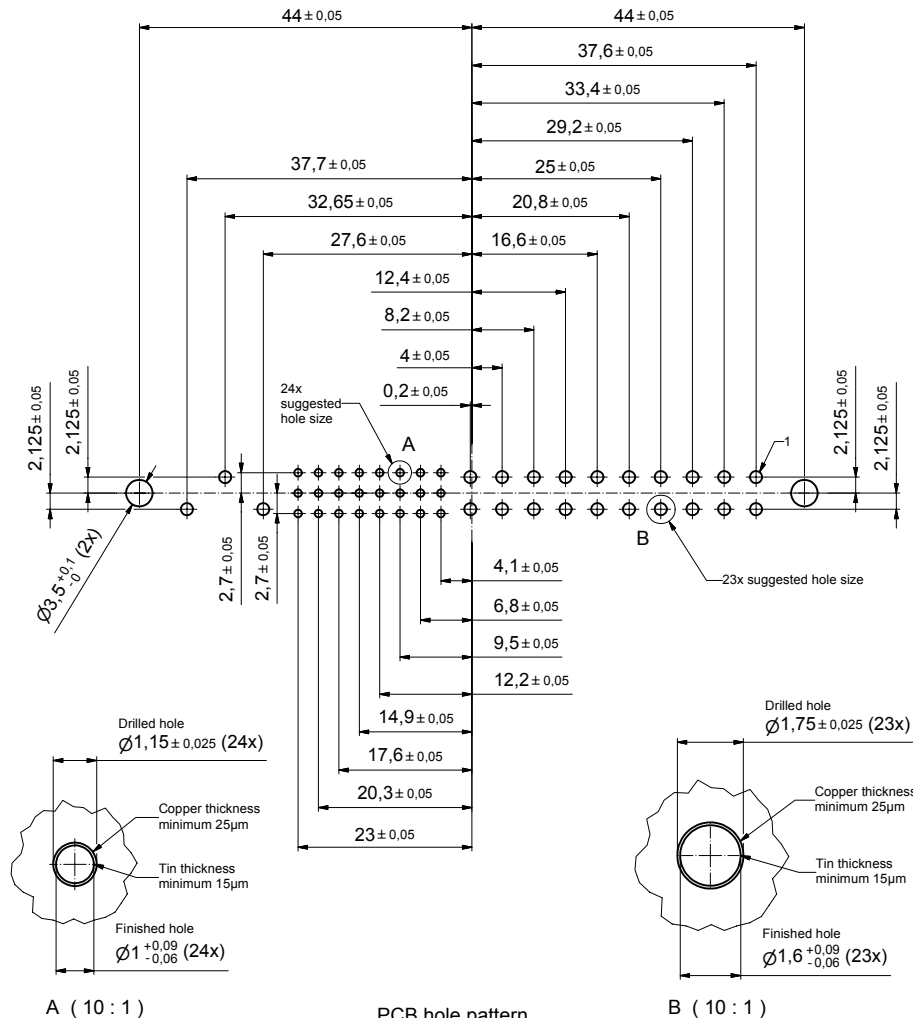
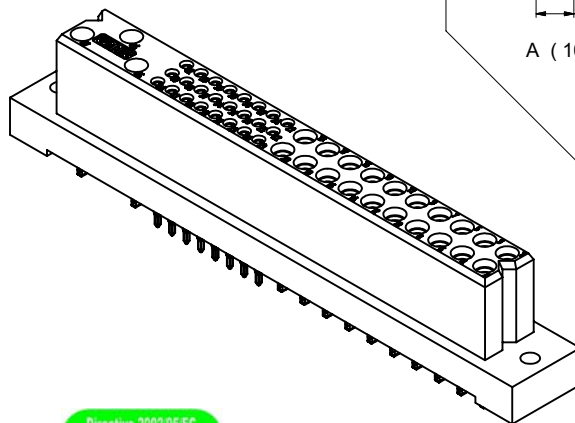
VOLTAGE PROOF:

- CONTACTS POS. 46, 46, 47: 3 kV r.m.s.
- CONTACTS POS. 1-20: 1.5 kV r.m.s.
- CONTACTS POS. 21-44: 1 kV r.m.s.

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

4. PRESS-FIT PART OF CONTACTS ARE PATENT PROTECTED

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



24	Signal contact (Pos. 21-44)	5		
20	Power contact type 3 (Pos. 1-20)	4		
1	Power contact type 2 (Pos. 45)	3		
2	Power contact type 1 (Pos. 46-47)	2		
1	Case 47pos. female	1		
quantity	part description	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 WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH

partlist										
finish: see notes			tolerance ISO 2768-m		 dim. in mm		scale: 2:1		material: see notes	
			date		name		title: SOCKET CONNECTOR 47pos. PRESS-FIT STRAIGHT CompactPCI			
			drawn 10.02.05		Mankopf					
			appd. 10.02.05		Kühle					
			norm							
			d-old							
1x c A 2207 18.04.05 Mkf.					dwg no:		Inventor		DIN-A2	
1x b A 2168 21.02.05 Mkf.					45K1A006		sh: 1			
rev. description date name					part no: CPH47W23FGE3SK9X					