

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

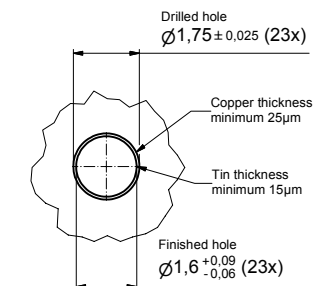
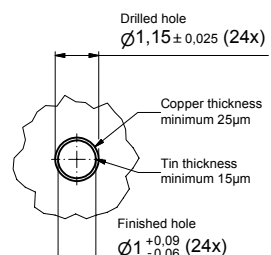
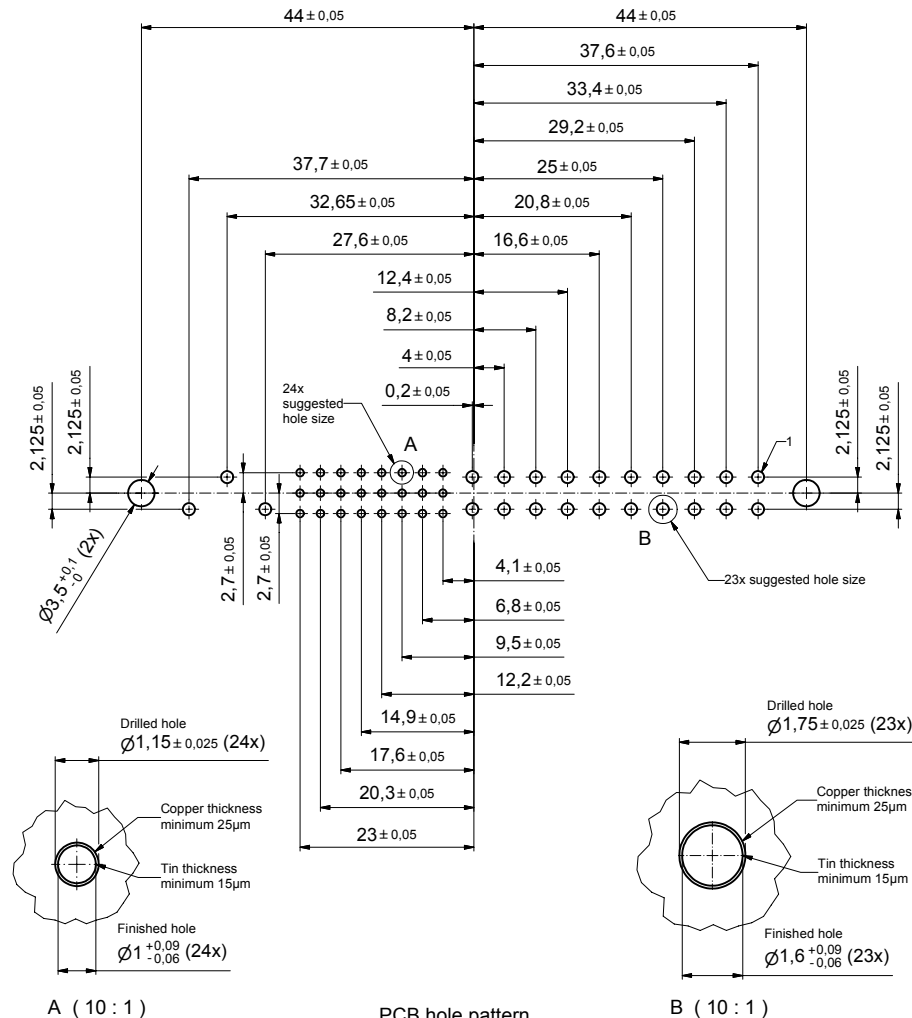
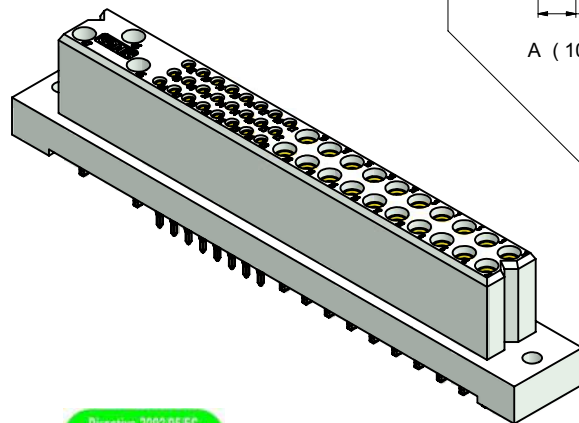
VOLTAGE PROOF:

- 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

DO NOT ALTER CAD DRAWING BY HAND		finish: see notes		tolerance ISO 2768-m		scale: 2:1	
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		date		name		material: see notes	
drawn		10.02.05		Mankopf		title: SOCKET CONNECTOR 47pos. PRESS-FIT STRAIGHT CompactPCI	
appd.		10.02.05		Kühle		dwg no: [Inventor]	
norm						DIN-A2	
d-old						sh: 1	
1x c	Ä 2207	18.04.05	Mkf.	CONEC		part no: CPH47W23FGE3SK9X	
1x b	Ä 2168	21.02.05	Mkf.				