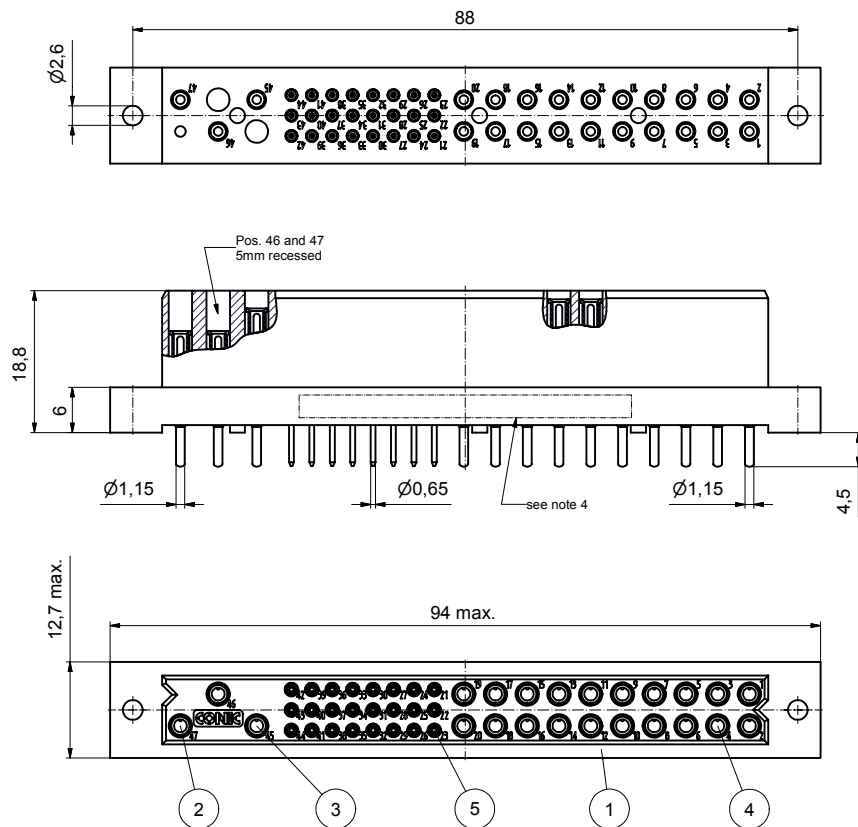




NOTES:

1. MATERIALS AND FINISHES:

- INSULATOR: GLASS FILLED PLASTIC UL 94 V-0 RATED, GREY RAL 7035 (b)
- 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.

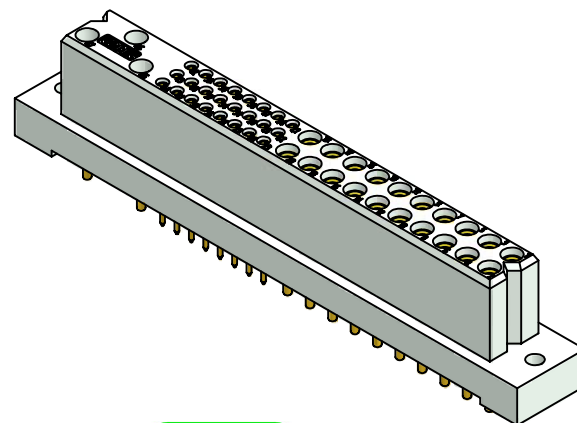
INSULATION RESISTANCE: 5 G OHM PER IEC 512-2, TEST 3a

VOLTAGE PROOF:

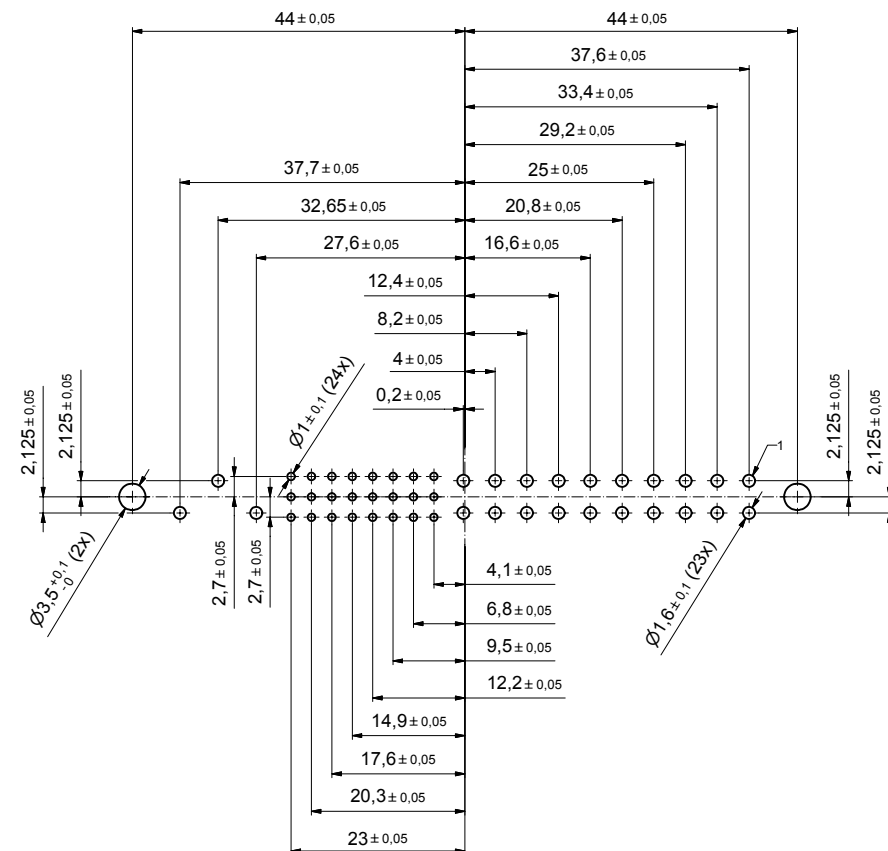
- CONTACTS POS. 46, 46, 47: 3 kV r.m.s.
- CONTACTS POS. 1-20: 1,5 kV r.m.s.
- CONTACTS POS. 21-44: 1 kV r.m.s.

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

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



Directive 2002/95/EC
„RoHS“
Compliant



PCB hole pattern

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
partlist				
finish: see notes		tolerance ISO 2768-m	scale: 2:1	
		dim. in mm	material: see notes	
title: SOCKET CONNECTOR 47pos.		date	name	
		drawn 18.01.05	Mankopf	
		appd. 18.01.05	E. Mickenbecker	
		norm		
		d-old		
1x b		A 2168	21.02.05	Mkf.
rev.	description	date	name	
CONEC®		dwg no: 45K1A005		
		part no: CPH47W23FGRASK9X		
		DIN-A2 sh: 1		