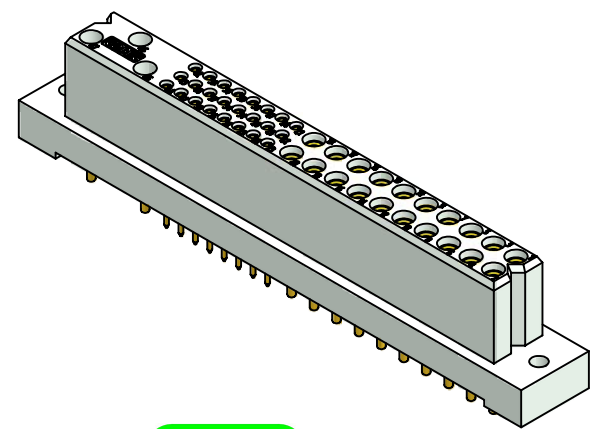


PCB hole pattern



Directive 2002/95/EC  
„RoHS“  
Compliant

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]

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	
		date	name	title:
		drawn 18.01.05	Mankopf	SOCKET CONNECTOR 47pos.
		appd. 18.01.05	E. Mickenbecker	SOLDER PIN STRAIGHT
		norm		CompactPCI
		d-old		dwg no: [Inventor]
1x b	Ä 2168	21.02.05	Mkf.	45K1A005
rev.	description	date	name	DIN-A2
				sh: 1
				part no: CPH47W23FGRASK9X

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