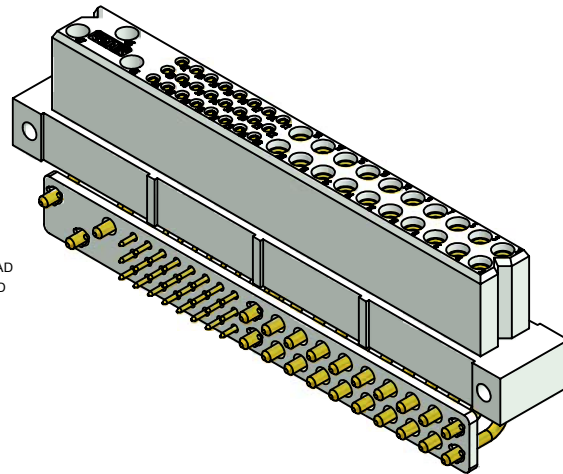


PCB hole pattern

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:
    - 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, METHOD A
  - VOLTAGE PROOF:
    - CONTACTS POS. 45, 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
- WORKING TEMPERATURE: -55°C TO +125°C
- CONNECTOR IS PART MARKED: [PART-NO. CONEC ABC]



quantity	part description	partlist	item	dwg no. / norm	material
1	Fixing plate		10		
8	Signal contact type 3 (Pos. 21,24,27,30,33,36,39,42)		9		
8	Signal contact type 2 (Pos. 22,25,28,31,34,37,40,43)		8		
8	Signal contact type 1 (Pos. 23,26,29,32,35,38,41,44)		7		
10	Power contact type 6 (Pos. 1,3,5,7,9,11,13,15,17,19)		6		
10	Power contact type 5 (pos. 2,4,6,8,10,12,14,16,18,20)		5		
1	Power contact type 3 (Pos. 45)		4		
1	Power contact type 2 (Pos. 46)		3		
1	Power contact type 1 (Pos. 47)		2		
1	Case 47pos. female angled		1		

finish: see notes		tolerance ISO 2768-m	scale: 2:1
date		name	material: see notes
drawn 21.02.06	Schmidt	title: SOCKET CONNECTOR 47pos.	
appd. 21.02.06	Kühle	SOLDER PIN ANGLED, STANDARD	
norm		CompactPCI	
d-old		dwg no:	Inventor
1 x b	A 2743	10.07.07	HS
a	Origin		
rev	description	date	name
CONEC		45K2A013	DIN-A2
part no:		CPH47W23FARCSK9X	sh: 1