

NOTES:

1. 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

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.

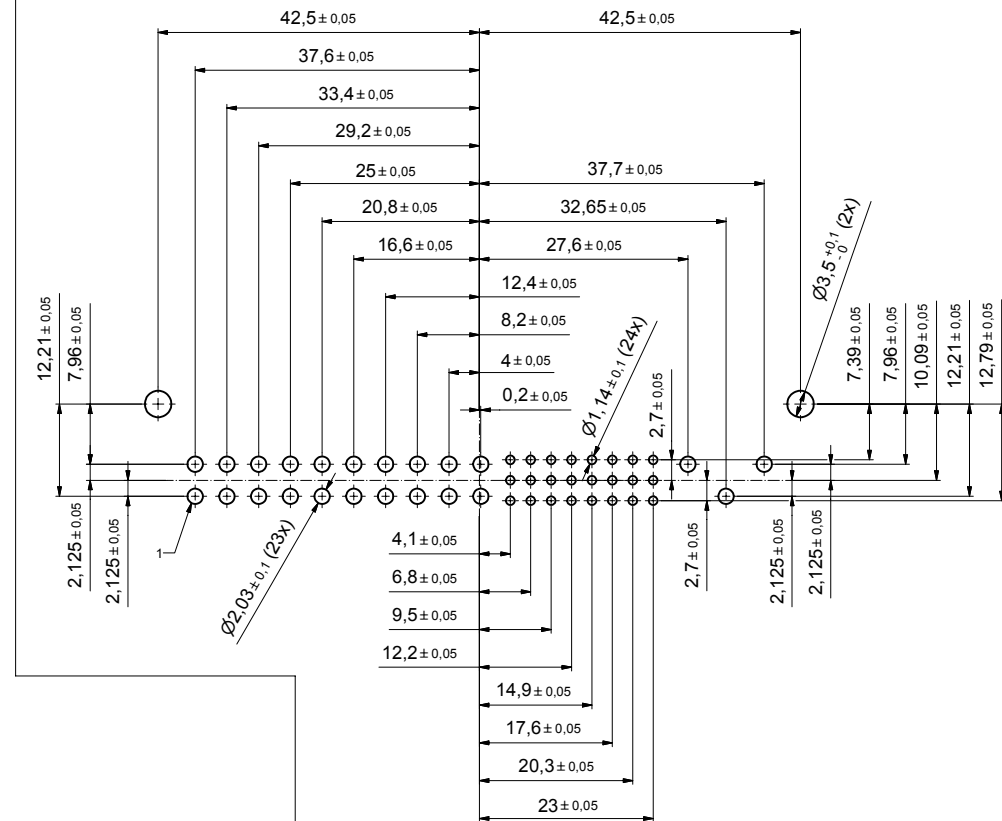
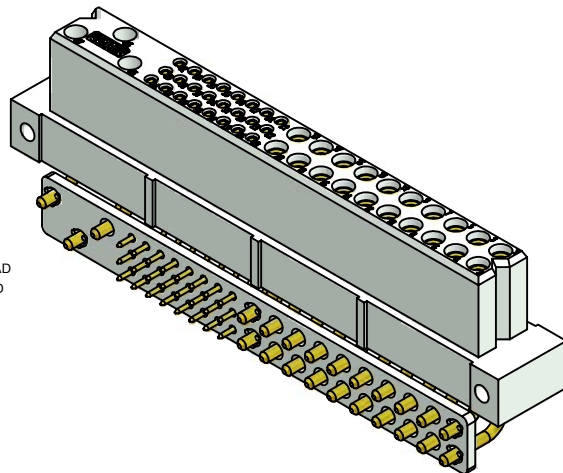
INSULATION RESISTANCE: 5 G OHM PER IEC 512-2, TEST 3a, METHOD A

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

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

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



PCB hole pattern

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

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