

Number of contacts

6-64



Male header with solder pins and P.C.B. retention clips

Identification/pins	No. of contacts	Part No.			
		Without levers	With short levers	With long levers	
<p>Male header with angled solder pins and P.C.B. retention clips Length: 2.9 mm for 1.6 mm PCB thickness</p>	6	09 18 506 □ 973*	09 18 506 □ 963*	09 18 506 □ 953*	
	10	09 18 510 □ 973*	09 18 510 □ 963*	09 18 510 □ 953*	
	14	09 18 514 □ 973*	98 18 514 □ 963*	09 18 514 □ 953*	
	16	09 18 516 □ 973*	09 18 516 □ 963*	09 18 516 □ 953*	
	20	09 18 520 □ 973*	09 18 520 □ 963*	09 18 520 □ 953*	
	26	09 18 526 □ 973*	09 18 526 □ 963*	09 18 526 □ 953*	
	34	09 18 534 □ 973*	09 18 534 □ 963*	09 18 534 □ 953*	
	40	09 18 540 □ 973*	09 18 540 □ 963*	09 18 540 □ 953*	
	50	09 18 550 □ 973*	09 18 550 □ 963*	09 18 550 □ 953*	
	60	09 18 560 □ 973*	09 18 560 □ 963*	09 18 560 □ 953*	
	64	09 18 564 □ 973*	09 18 564 □ 963*	09 18 564 □ 953*	
	<p>To hold the connector on the PCB before the soldering process, two retention clips have been added on the male header with angled solder pins.</p>				
	<p>Male header with straight solder pins and P.C.B. retention clips Length: 2.9 mm for 1.6 mm PCB thickness</p>	6	09 18 506 □ 974*	09 18 506 □ 964*	09 18 506 □ 954*
10		09 18 510 □ 974*	09 18 510 □ 964*	09 18 510 □ 954*	
14		09 18 514 □ 974*	98 18 514 □ 964*	09 18 514 □ 954*	
16		09 18 516 □ 974*	09 18 516 □ 964*	09 18 516 □ 954*	
20		09 18 520 □ 974*	09 18 520 □ 964*	09 18 520 □ 954*	
26		09 18 526 □ 974*	09 18 526 □ 964*	09 18 526 □ 954*	
34		09 18 534 □ 974*	09 18 534 □ 964*	09 18 534 □ 954*	
40		09 18 540 □ 974*	09 18 540 □ 964*	09 18 540 □ 954*	
50		09 18 550 □ 974*	09 18 550 □ 964*	09 18 550 □ 954*	
60		09 18 560 □ 974*	09 18 560 □ 964*	09 18 560 □ 954*	
64		09 18 564 □ 974*	09 18 564 □ 964*	09 18 564 □ 954*	
<p>To hold the connector on the PCB before the soldering process, two retention clips have been added on the male header with straight solder pins.</p>					
		For Performance Level 3 please specify digit	<u>7</u>	<u>7</u>	
		For Performance Level 2 please specify digit	<u>6</u>	<u>6</u>	
		> 0.76 μm Au (30 μinch) on request	<u>5</u>	<u>5</u>	

Identification/pins	No. of contacts	Part No.	Drawing	Dimensions in mm
<p>Male low profile header with angled solder pins for prelocking on P.C.B. 1.6 mm Length: 2.9 mm</p>	6-64	on request		
<p>Max. 6 specially formed soldered pins provide retention of the male header before soldering process</p>				

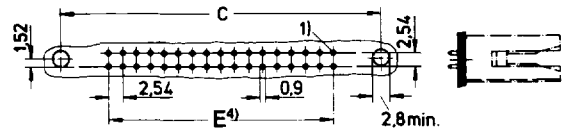
* Not normally kept in stock

Drawing

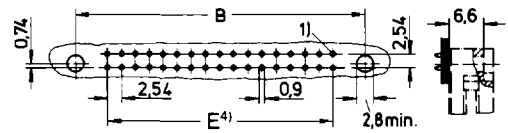
Dimensions in mm

No. of contacts	A	B	C	D	E	F	G
6	26.9	16.76	22.86	12.45	2.54 x 2 = 5.08	36.9	40.3
10	32.0	21.84	27.94	17.53	2.54 x 4 = 10.16	42.0	45.4
14	37.1	26.92	33.02	22.61	2.54 x 6 = 15.24	47.1	50.4
16	39.6	29.46	35.56	25.15	2.54 x 7 = 17.78	49.6	53.0
20	44.7	34.54	40.64	30.23	2.54 x 9 = 22.86	54.7	58.1
26	52.3	42.16	48.26	37.85	2.54 x 12 = 30.48	62.3	65.7
34	62.5	52.32	58.42	48.01	2.54 x 16 = 40.64	72.5	75.8
40	70.1	59.94	66.04	55.63	2.54 x 19 = 48.26	80.1	83.5
50	82.8	72.64	78.74	68.33	2.54 x 24 = 60.96	92.8	96.2
60	95.5	85.34	91.44	81.03	2.54 x 29 = 73.66	105.5	108.9
64	100.6	90.42	96.52	86.11	2.54 x 31 = 78.74	110.6	113.9

P.C. board layout straight version

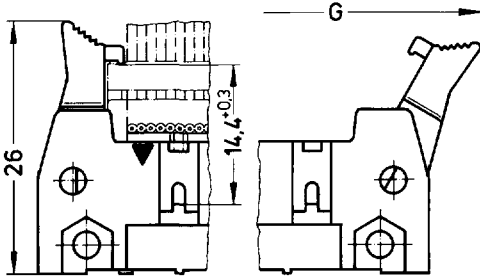


P.C. board layout angled version



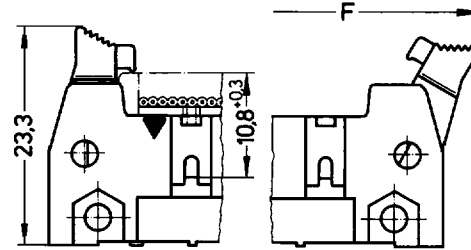
Long levers

for use with female connector
with strain relief clamp

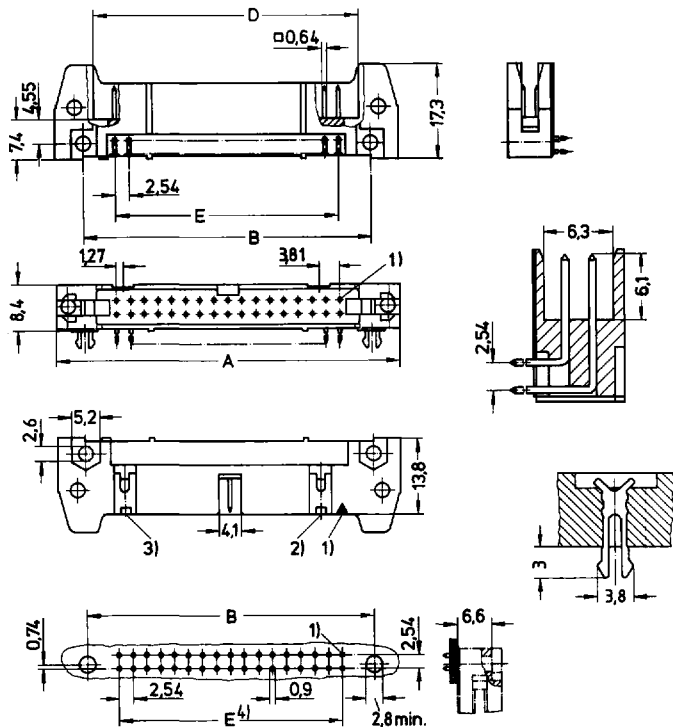


Short levers

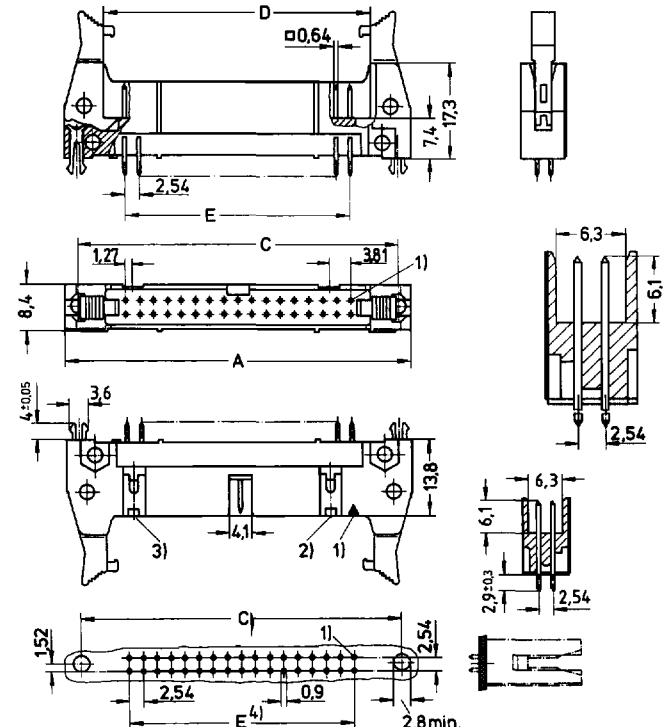
for use with female connector
without strain relief clamp



Angled versions with clips



Straight versions with clips



- 1) Contact number 1
- 2) No polarization slot for 6, 10 or 14 way male header

- 3) No polarization slot for 6 way male header
- 4) Pitch tolerance: ± 0.1