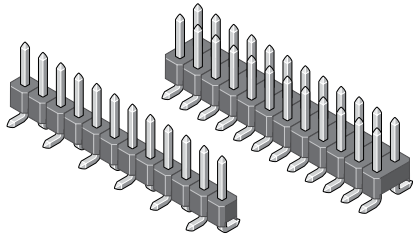


# Pin Header SMD 2,54 mm

Series **090**



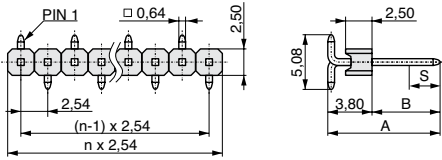
Rated current	3,0 A
Rated voltage	250 V <sub>RMS</sub> / V <sub>DC</sub>
	Please consider air- and creepage distances
Withstand voltage	500 V <sub>RMS</sub> for one minute
Material contact	Copper alloy
Material insulator	High temp. thermoplast UL94V-0
Operating temperature	-40°C to +105°C
Max. processing temper.	260°C for 10 seconds

pitch	<b>2,54</b>
termination	
contact size	<input type="checkbox"/> 0,64
max. pincount	<b>040 / 080</b>

All dimensions in mm.

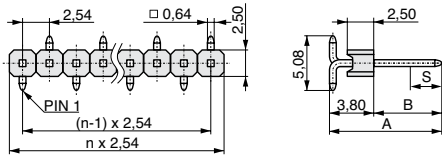
## Variation

### Layout A

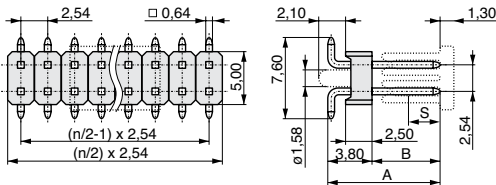


1

### Layout B

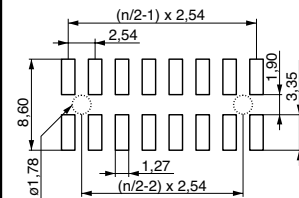
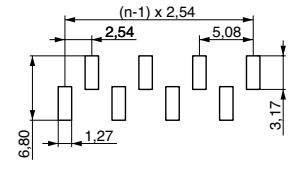
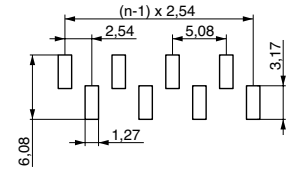


2



3

## PCB Layout



see figure left	see figure left	available in variation		
A	B	1	2	3
9,10	5,30	1	2	3
10,40	6,60	1	2	3
12,50	8,70	1	2	3
14,20	10,40	1	2	3
15,50	11,70	1	2	3
17,60	13,80	1	2	3

**\*\* Positioning peg**  
 0 = Without peg  
 1 = With peg  
 (optional only for variation 3)

**Plating:**  
 T = Sn  
 F = Au  
 S = Selective Au  
 (min 5 mm on mating side)

**Packaging:**  
 R = Reel  
 T = Tube

**\* No. of contacts:**  
 Variation 1 = 003 - 040  
 Variation 2 = 003 - 040  
 Variation 3 = 004 - 080

**Cap:**  
 0 = Without cap  
 1 = With cap

Variation (1,2,3)

No. of contacts \*  
(003... - 080)

Positioning peg\*\* (0,1)

Plating contact (T,F,S)

Packaging (R,T)

Cap (0,1)

A (1/100 mm)  
 e.g. 1000 = 10,00 mm



www.mpe-connector.de

## Order code:

090 - 2 - 2 - 2 - 2 - 2 - X - 2 - 2 - 2 - 2 - 2

Mating series	094	095	096	097	298	299	099	100	098	366	111	115	612	613	114	122	120	430		
see page	4-22	4-23	4-24	4-25	4-26	4-27	4-28	4-29	4-30	4-31	4-32	4-33	4-34	4-35	4-37	4-38	4-39	6-10		

Product group  
**3**