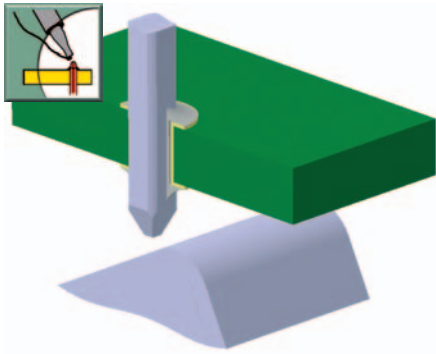
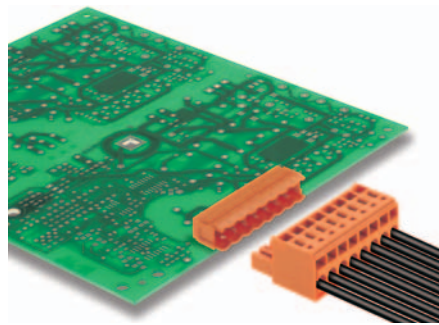


Solder connection pin headers

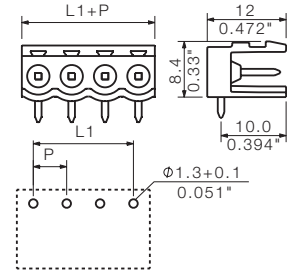
Omnimate Range
Pitch 5.00 / 5.08



SL 5.00/90
SL 5.08/90



SL 5.00/90
SL 5.08/90



Weidmüller's standard THT (Through-Hole Technology) pcb terminals and connectors have been specifically designed for the Wave(Flow) soldering process.

With the most frequently used pcb's worldwide being single layer 1.6 mm (0.062 inch) and 2.0 mm (0.079 inch) thick, the solder pin length of pcb terminals and connectors needs to be at least 3.2 mm (0.126 inch) long in order to provide problem-free soldering.

- 250 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

E

Technical data

Rated data acc. to IEC 664-1 / VDE 0110 (4.97)			
Clamping range, max.	mm ²		
Solid H05(07) V-U	mm ²		
Stranded H07 V-R	mm ²		
Flexible H05(07) V-K	mm ²		
Flexible with ferrule	mm ²		
Ferrule with plastic collar	mm ²		
Stripping length	mm		
Rated current at ambient temperature			
	A	20°C	40°C
		18.0	15.0
Overvoltage category			
		III	III
Pollution severity			
		3	2
			2
Rated voltage	V	250	320
Rated impulse voltage	kV	4.0	4.0
UL 1059 rated data - E60693			
		B	C
Rated voltage	V	300	300
Rated current	A	15.0	10.0
AWG conductor			
CSA C22.2 rated data - LR12400 B			
		B	C
Rated voltage	V	300	300
Rated current	A	15.0	10.0
AWG conductor			
Material data			
Type of insulating material		PBT	
Flammability class acc. UL94		V-0	
Contact base material		CuSn	
Contact plating		tin plated	

- Information**
- Additional colours on request
 - Gold-plated contact surfaces on request
 - Rated current refers to rated cross-section and min. number of poles
 - Drawing information P = Pitch

Ordering data

Solder pin length		3.2 mm		
Colour		orange		
Pitch 5.00 mm				
Poles	L1 mm (inch)	Qty.	Order no.	Order no.
2	5.00 (0.197)	100		1571130000
3	10.00 (0.394)	100		1571140000
4	15.00 (0.591)	100		1571150000
5	20.00 (0.787)	50		1571160000
6	25.00 (0.984)	50		1571170000
7	30.00 (1.181)	50		1571180000
8	35.00 (1.378)	50		1571190000
9	40.00 (1.575)	50		1571200000
10	45.00 (1.772)	50		1571210000
11	50.00 (1.969)	50		1571220000
12	55.00 (2.165)	50		1571110000
13	60.00 (2.362)	50		1571230000
14	65.00 (2.559)	50		1571240000
15	70.00 (2.756)	50		1571250000
16	75.00 (2.953)	50		1571260000
17	80.00 (3.150)	20		1571270000
18	85.00 (3.346)	20		1571280000
19	90.00 (3.543)	20		1571290000
20	95.00 (3.740)	20		1571300000
21	100.00 (3.937)	20		1571310000
22	105.00 (4.134)	20		1571320000
23	110.00 (4.331)	20		1571330000
24	115.00 (4.528)	20		1571340000
Pitch 5.08 mm				
Poles	L1 mm (inch)	Qty.	Order no.	Order no.
2	5.08 (0.200)	100		1508060000
3	10.16 (0.400)	100		1508160000
4	15.24 (0.600)	100		1508260000
5	20.32 (0.800)	50		1508360000
6	25.40 (1.000)	50		1508460000
7	30.48 (1.200)	50		1508560000
8	35.56 (1.400)	50		1508660000
9	40.64 (1.600)	50		1508760000
10	45.72 (1.800)	50		1508860000
11	50.80 (2.000)	50		1508960000
12	55.88 (2.200)	50		1509060000
13	60.96 (2.400)	50		1509160000
14	66.04 (2.600)	50		1509260000
15	71.12 (2.800)	50		1509360000
16	76.20 (3.000)	50		1509460000
17	81.28 (3.200)	20		1509560000
18	86.36 (3.400)	20		1509660000
19	91.44 (3.600)	20		1509760000
20	96.52 (3.800)	20		1509860000
21	101.60 (4.000)	20		1509960000
22	106.68 (4.200)	20		1510060000
23	111.76 (4.400)	20		1510160000
24	116.84 (4.600)	20		1510260000