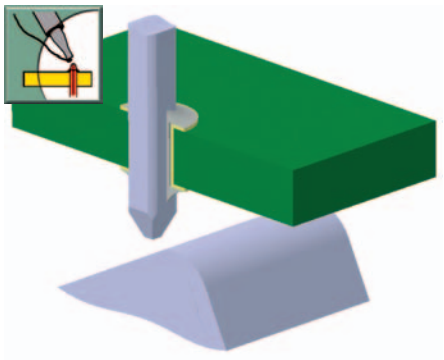
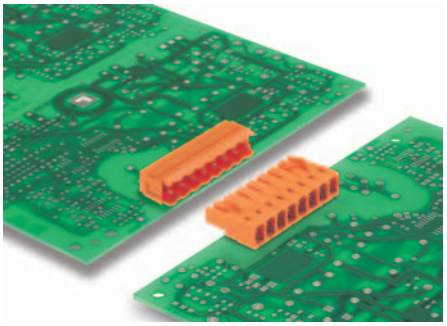
Solder connection socket connectors



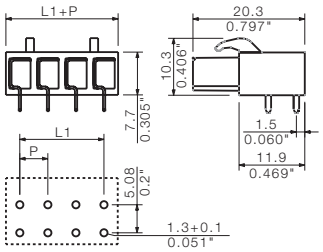
BLL 5.08



BLL 5.08/90

Weidmueller'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)
- 23 A (IEC) / 15 A (UL)



E

Technical data

Rated data acc. to IEC 664-1 / VDE 0110 (4.97)				
Clamping range, max.	mm²			
Solid H05(07) V-U	mm²			
Stranded H07 V-R	mm²			
Flexible H05(07) V-K	mm²			
Flexible with ferrule	mm²			
Ferrule with plastic collar	mm²			
Stripping length	mm			
Rated current at ambient temperature		**20°C**		**40°C**
	A	23.0		19.0
Overvoltage category		**III**	**III**	**II**
Pollution severity		**3**	**2**	**2**
Rated voltage	V	250	320	400
Rated impulse voltage	kV	4.0	4.0	4.0
UL 1059 rated data - E60693		**B**	**C**	**D**
Rated voltage	V	300		300
Rated current	A	15.0		10.0
AWG conductor				
CSA C22.2 rated data - LR12400 B		**B**	**C**	**D**
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		Cu alloy		
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 5.08 mm

Poles	L1 mm	(inch)	Qty.	Order no.	Order no.
2	5.08	(0.200)	100		**1622940000**
3	10.16	(0.400)	100		**1622950000**
4	15.24	(0.600)	100		**1622960000**
5	20.32	(0.800)	50		**1622970000**
6	25.40	(1.000)	50		**1622980000**
7	30.48	(1.200)	50		**1622990000**
8	35.56	(1.400)	50		**1623000000**
9	40.64	(1.600)	50		**1623010000**
10	45.72	(1.800)	50		**1623020000**
11	50.80	(2.000)	50		**1623030000**
12	55.88	(2.200)	50		**1623040000**
13	60.96	(2.400)	50		**1648420000**
14	66.04	(2.600)	50		**1648430000**
15	71.12	(2.800)	50		**1648440000**
16	76.20	(3.000)	50		**1648450000**
17	81.28	(3.200)	20		**1648460000**
18	86.36	(3.400)	20		**1648470000**
19	91.44	(3.600)	20		**1648480000**
20	96.52	(3.800)	20		**1648490000**
21	101.60	(4.000)	20		**1648500000**
22	106.68	(4.200)	20		**1648510000**
23	111.76	(4.400)	20		**1648520000**
24	116.84	(4.600)	20		**1648530000**

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2