

### General Description

The high current terminal blocks and spacers of the **PowerClamp** lowcost S-Series are designed for the PCB mount by soldering. These **PowerClamp** components handle continuous currents from 40 up to 150 Amps and appear in different configurations:

- SN** - Series – terminal block with internal thread (nut)
- SB** - Series – terminal block with external thread (bolt)
- SL** - Series – terminal block with 90° mounting (horizontal thread or hole)
- SH** - Series – spacer without thread (through hole spacer)

For higher currents (up to 600 Amps) are available the **PowerClamp** of the N-, B- and L-Series not only in the recommended Press-Fit Technique but also with **solderpins** (see the datasheet “solderpin”)



### Technical Specifications

current	type	thread	base	height	pitch	Ø hole	fig.	drawing
40 A	<b>SN08R3M</b>	Metric M3	Ø8.0	7.0	5.08 x 5.08	1.45	1	MC0139
	<b>SN08R3U</b>	UNC # 4 - 40						
50 A	<b>SN09R4M</b>	Metric M4	Ø9.0	7.0	6.0 x 6.0	1.60	1	MC0093
	<b>SN09R4U</b>	UNC # 8 – 32						
60 A	<b>SN09R4M-h8</b>	Metric M4	Ø9.0	8.0	6.0 x 6.0	1.80	1	MC0118
	<b>SN09R4U-h8</b>	UNC # 8 – 32						
75 A	<b>SN10R5M</b>	Metric M5	Ø10.0	11.0	6.0 x 6.0	2.00	1	MC0086
	<b>SN10R5U</b>	UNC # 12 – 24						
150 A	<b>SN12R6M</b>	Metric M6	Ø12.0	11.0	4x2.54 x 4x2.54	2.00	1	MC0085
	<b>SN12R6U</b>	UNC ¼” – 20						
50 A	<b>SN0904M</b>	Metric M4	9.0 x 9.0	7.0	7.62 x 7.62	1.60	2	MC0129
	<b>SN0904U</b>	UNC # 8 – 32						
60 A	<b>SB10R5M</b>	Metric M5	Ø10.0	11.0	6.0 x 6.0	1.80	3	MC0089
	<b>SB10R5U</b>	UNC # 12 – 24						
150 A	<b>SB12R6M</b>	Metric M6	Ø12.0	15.0	4x2.54 x 4x2.54	2.00	3	MC0101
	<b>SB12R6U</b>	UNC ¼” – 20						
150 A	<b>SB16R8M</b>	Metric M8	Ø16.0	18.0	4x2.54 x 4x2.54	2.00	3	MC0102
	<b>SB16R8U</b>	UNC 5/16” – 18						

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