## **PowerClamp**

40–150A PCB-Terminal Blocks for Solder Technique SB- and SN-Series Shortform Datasheet



RoHS

## **General Description**

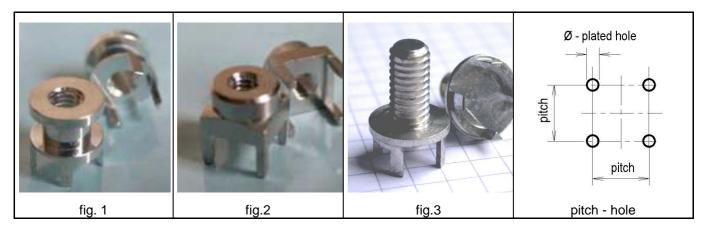
The high current terminal blocks and spacers of the *PowerClamp* lowcost S-Series are designed for the PCB mount by soldering. These *PowerClamp* components handle continuous currents from 40 up to 150 Amps and appear in different configurations:

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



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