

Electrobrains

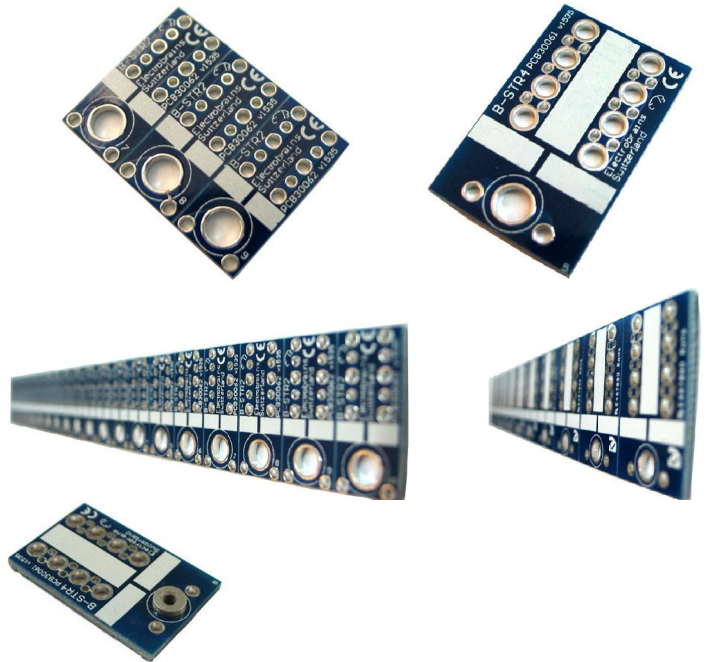
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B-STR: low-cost Solder Terminal Strips, Solder Lugs, Solder Tabs

PRELIMINARY INFORMATION

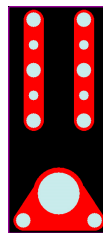
Features:

- Solder-Strips: lowest possible cost for connecting stranded and solid wires together
- Solder-Strips: very secure method of keeping wires connected (if properly soldered)
- flat (1.6mm), space-saving strips
- high quality, fibre glass epoxy material
- multi-hole lugs, multi-hole earth
- 2-pole strips up to 40-pole (MINI) or 20-pole (MIDI)
- each 2 lugs: big hole for attachment, earth, chassis or rivet nut (M2.5)
- 2 Versions:
MINI (B-STR2): 3 big + 2 small holes on lug
MIDI (B-STR4): 4 big + 6 small holes on lug
- can be shortened (with sharp, strong cutter)
- large isolation / creepage distance for high voltage
- PCB: RoHS (lead free) and UL approved material
- white area for labelling
- CE marking
- useful as electronic component holders, voltage ladder multipliers etc.

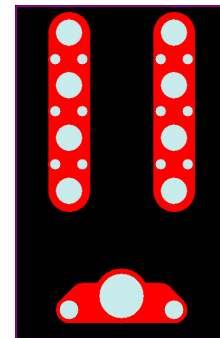


On request:

- with rivet nut (M2.5) pressed-in
- strips made out of thinner or other material for more flexibility (within limits)
- for higher Current
- smaller (MICRO) or bigger (MACRO) strip versions are in the pipe-line



B-STR2



B-STR4

Technical data (Ta = 25°C)

	B-STR2	B-STR4
Lugs / single Strip	2	2
Max. Lugs / Strip	40	20
Holes on Lug	3x 1.5mm + 2x 1.0mm	4x 2.5mm + 6x 1.0mm
Holes on Earth / Attachment Lug	1x 4.2mm + 2x 1.5mm	1x 4.2mm + 2x 1.8mm
Temperature range of PCB (epoxy fibre glass)	-40°C to +120°C	-40°C to +120°C
Isolation / Creepage Distance of Lug – Lug	3.0mm	6.0mm
Isolation / Creepage Distance of Lug – Earth/Attach	4.0mm	6.5mm
Test Voltage Lug-Lug (1min.)*	2.5kV AC	5kV AC
Max. Current**	12A**	16A**
Size of single strip (2 lugs, 1 earth), LxWxH	10x22x1.6mm	20x31.5x1.6mm

* Break-through voltage has been measured at approximately 1.4x the test voltage. That voltage is dependent on many factors, for instance air pressure, pollution degree, humidity etc. Max. working voltage should be derived from valid electrical standards suitable to the application (for instance EN60950 / UL60950, UL508, UL60335, EN60664).

** Given max. current is based on measurements on long strips with looped lugs, without air flow and without branching wires. In a normal case two or more copper wires are soldered to each lug, which will remove much heat and increase rated max. current.

Order numbers:

Mini Version
Midi Version
Rivet Nut for Earth / Attachment Hole, for M2.5 screw
(for an additional fee the rivet nuts can be factory installed)

B-STR2-X
B-STR-PEM

B-STR4-X
B-STR-PEM

X stands for the amount of lugs on the strip (2,4,6..40) Example: The smallest single strip with 2 lugs is ordered as **B-STR2-2** (or **B-STR4-2**). The longest strip would be the 40-lug type **B-STR2-40** or the 20-lug type **B-STR4-20**.