



Product Description: Pitch:3.5mm Rated
Voltage : 200V Rated Current:17.5A Connection
method : Push in connection
colour : customizable

Technical drawings of the SUPU MC-T13.5 component, showing dimensions and PCB layout details.

Top View: Shows the component's footprint with a width of 8.50 mm. The PCB layout shows a grid of mounting holes with a pitch of $3.50(P-1)$ and a total width of 2.10 mm. The hole diameter is $\phi 1.10$. The distance from the edge to the first hole is 3.50 mm. The distance between the top and bottom rows of holes is 5.50 mm. The distance from the edge to the first hole in the bottom row is 1.60 mm.

Side View: Shows the component's profile with a total height of 13.50 mm (reference) and a mounting tab height of 12.30 mm (reference). The mounting tab width is 1.60 mm. The component is labeled SUPU MC-T13.5.

PCB Layout: Shows the component's footprint with a width of 2.10 mm. The distance between the top and bottom rows of mounting holes is 5.50 mm. The distance from the edge to the first hole in the bottom row is 1.60 mm. The distance between the top and bottom rows of mounting holes is 5.50 mm. The distance from the edge to the first hole in the bottom row is 1.60 mm. The distance between the top and bottom rows of mounting holes is 5.50 mm. The distance from the edge to the first hole in the bottom row is 1.60 mm.

Dimensions:

- Top View: 8.50 mm (width), 3.50 mm (edge to first hole), $3.50(P-1)$ (pitch), 2.10 mm (total width), 5.50 mm (hole pitch), $\phi 1.10$ (hole diameter), 1.60 mm (edge to first hole).
- Side View: 13.50 mm (total height, reference), 12.30 mm (mounting tab height, reference), 1.60 mm (mounting tab width).
- PCB Layout: 2.10 mm (width), 5.50 mm (hole pitch), 1.60 mm (edge to first hole).

⌘ SUPU ID	MC-TI3.5V18P-BK-1600
⌘ Pitch	3.5
⌘ Number of levels	Single layer
⌘ Number of connections	18

☞ Connection method	Push in connection
☞ Protection Level	IP20
☞ Operating temperature range	-40~+130°C
☞ Insulation material	PA66
☞ Insulation material group	I
☞ Contact material	Copper alloy
☞ Contact plating	Sn,Plated
☞ Color	Green/Black/Blue/Grey/Orange/Red

Technical data

☞ IEC Rated Current	17.5A
☞ IEC Rated Voltage	200V
☞ Overvoltage category	III/III/ II
☞ Degree of pollution	3 2 2
☞ Rated impulse voltage	2.5KV 2.5KV 2.5KV
☞ UL Rated Current	12A - 10A
☞ UL Rated Voltage	300V - 300V
☞ Conductor cross section rigid	0.2-1.5mm ²
☞ Conductor cross section flexible	0.2-1.5mm ²
☞ Conductor cross section flexible,with furrule	0.2-1.5mm ²
☞ Locking screw Specification	-
☞ Locking screw torque	-
☞ Fixed Screw Specification	-
☞ Stripping length	8-9mm

Order No

MC-TI3.5V18P-BK-1600

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