



Product Description: Pitch:3.5mm Rated
Voltage : 160V Rated Current:17.5A Connection
method : Push in connection
colour : customizable

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

PCB LAYOUT

Dimensions for PCB layout:

- Top horizontal dimensions: 3.50, 1.60
- Right vertical dimensions: 3.40, 11.40

Component Dimensions

Top view dimensions:

- Height: 8.50

Side view dimensions:

- Width: 10.30 ± 0.2
- Height: 0.40

Cross-section view dimensions:

- Top horizontal dimensions: 3.50, 0.80
- Bottom horizontal dimensions: 3.50, 0.80
- Bottom vertical dimension: 0.80
- Formulas:
 - $\text{Dim. } b = 3.50 \times (P-1) + 4.20$
 - $\text{Dim. } a = 3.50 \times (P-1)$

SUPU ID	MC-TI3.5V15P-BK-0001-SMT
Pitch	3.5
Number of levels	Single layer
Number of connections	15

☞ 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	160V
☞ 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-TI3.5V15P-BK-0001-SMT

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