



Product Description: Pitch:3.5mm Rated
Voltage : 160V Rated Current:10A
colour : customizable

Technical drawing of a PCB layout for a 10-pin connector. The drawing includes a side view of the connector on the left and a top view of the PCB layout on the right.

Side View Dimensions:

- Connector width: 3.50
- Connector height: 7.50
- Pin length: 11.05
- Pin diameter: $\phi 1.00 \pm 0.05$
- Pin spacing: 3.20 ± 0.30

Top View Dimensions:

- Connector width: 3.50
- Connector height: 7.50
- Pin length: 11.05
- Pin diameter: $\phi 1.00 \pm 0.05$
- Pin spacing: 3.20 ± 0.30
- Pin diameter: $\phi 1.30^{+0.10}_{-0.00}$

PCB LAYOUT

SUPU ID	MC-PA3.5V14-OG-WD
Pitch	3.5
Number of levels	Single layer
Number of connections	14

☞ Connection method	-
☞ Protection Level	IP20
☞ Operating temperature range	-40~+105°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	160V
☞ IEC Rated Voltage	10A
☞ Overvoltage category	III/III/ II
☞ Degree of pollution	3 2 2
☞ Rated impulse voltage	2.5KV 2.5KV 2.5KV
☞ UL Rated Current	10A - 10A
☞ UL Rated Voltage	300V - 300V
☞ Conductor cross section rigid	-
☞ Conductor cross section flexible	-
☞ Conductor cross section flexible,with furrule	-
☞ Locking screw Specification	-
☞ Locking screw torque	-
☞ Fixed Screw Specification	-
☞ 固定螺钉扭矩	-

☞ Stripping length	-
☞ Use group	B/C/D
☞ Rated cross section	-

Commercial data

☞ Order No	MC-PA3.5V14-OG-WD
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Ningbo SUPU Electronics Co., Ltd.

Address: No. 150, Xinxing 4th Road, High-tech Industrial Development Zone,

Cixi City, Zhejiang Province, China

Zip code: 315303

Switchboard: +86 574-63288158

Fax: +86 574-63288170

E-mail:supucontact@supu.cn

Service Hotline: 400-626-6336



Wechat