



Product Description: Pitch: 7.62mm Rated
Voltage : 630V Rated Current: 18A
colour : customizable

The drawing shows three views of the connector:

- Side View (Top Left):** Shows the profile of the connector. Dimensions include a total height of 3.80 mm, a mounting tab height of 1.00 mm, a base width of 3.50 mm, a main body width of 12.00 mm, and a rear flange height of 8.45 mm.
- Top View (Top Right):** Shows the connector from above. It features a central row of 100 pins. Dimensions include a pin pitch of 0.50 mm, a pin diameter of 0.35 mm, a pin-to-pin distance of 7.62 mm, and a total width of 7.62 mm. The overall width of the connector is 6.10 mm. The total length of the pin array is 7.62 mm, and the total length of the connector body is 7.62 mm + 18.20 mm.
- PCB LAYOUT (Bottom):** Shows the layout of the connector on a printed circuit board. It includes dimensions for the pin pitch (0.50 mm), pin diameter (0.35 mm), pin-to-pin distance (7.62 mm), and overall dimensions (6.10 mm, 7.62 mm, 7.62 mm, 18.20 mm). The layout also shows the location of the mounting holes (0.40 mm diameter) and the overall dimensions of the PCB footprint (4.65 mm, 6.10 mm, 7.62 mm, 7.62 mm, 18.20 mm).

⌘ SUPU ID	MC-PA7.62V10-F-0002
⌘ Pitch	7.62
⌘ Number of levels	Single layer
⌘ Number of connections	10

☞ 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	630V
☞ IEC Rated Voltage	18A
☞ Overvoltage category	III III II
☞ Degree of pollution	3 2 2
☞ Rated impulse voltage	6.0KV 6.0KV 6.0KV
☞ UL Rated Current	15A - 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-PA7.62V10-F-0002
------------	---------------------

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