



Product Description: Pitch: 7.5mm Rated
Voltage : 630V Rated Current: 18A
colour : customizable

The top drawing is a mechanical side view of the connector. It shows a rectangular body with a width of 12.00 mm and a total height of 8.45 mm. The mounting pins are 7.80 mm high. A top flange has a height of 3.80 mm and a width of 1.00 mm. The distance from the front face to the start of the pins is 3.50 mm.

The middle drawing is a top view of the connector. It shows a rectangular footprint with a width of 7.50 mm and a total width of $7.5 \times (P-1) + 5.5$ mm. The distance between the center of the pins is $7.5 \times (P-1)$ mm. A 2.75 mm dimension indicates the offset from the edge to the center of the first pin.

The bottom drawing is the PCB layout. It shows the footprint of the connector on the PCB. The dimensions are identical to the top view, with a width of 7.50 mm and a total width of $7.5 \times (P-1) + 5.5$ mm. The distance between the center of the pins is $7.5 \times (P-1)$ mm. A 2.75 mm dimension indicates the offset from the edge to the center of the first pin. The mounting holes have a diameter of $\phi 1.40$ mm. The distance from the bottom edge to the center of the pins is 8.45 mm. The distance from the bottom edge to the top of the mounting holes is 3.80 mm.

PCB LAYOUT

SUPU ID	MC-PA7.5V02-G-0002
Pitch	7.5
Number of levels	Single layer
Number of connections	2

☞ 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-PA7.5V02-G-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