



Product Description: Pitch:7.62mm Rated
Voltage : 500V Rated Current:16A Connection
method : Spring cage connection
colour : customizable

Technical drawings of the PCB layout for the 100-pin connector. The top drawing is a front view showing the connector pins and dimensions. The bottom drawing is a top view showing the pin locations and dimensions. The dimensions are in millimeters.

Front View Dimensions:

- Overall width: $7.62 \times (P-1) + 20.08$
- Pin pitch: $7.62 \times (P-1) + 12.93$
- Pin diameter: $\varnothing 2.55$
- Pin length: 11.10 ± 0.30
- Pin spacing (center-to-center): 7.62
- Pin spacing (edge-to-center): 1.30
- Pin spacing (edge-to-center): 3.75
- Pin spacing (edge-to-center): $7.62 \times (P-1) + 8.08$

Top View Dimensions:

- Overall width: 14.50
- Pin diameter: $\varnothing 1.80$
- Pin spacing (center-to-center): $7.62 \times (P-1)$
- Pin spacing (edge-to-center): 3.75
- Pin spacing (edge-to-center): 3.80
- Pin spacing (edge-to-center): 0.80

PCB LAYOUT

☞ SUPU ID	478468/010
☞ Pitch	7.62
☞ Number of levels	Single layer
☞ Number of connections	8

☞ Connection method	Spring cage connection
☞ 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	16A
☞ IEC Rated Voltage	500V
☞ 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	0.2-2.5mm ²
☞ Conductor cross section flexible	0.2-2.5mm ²
☞ Conductor cross section flexible,with furrule	0.2-2.5mm ²
☞ Locking screw Specification	-
☞ Locking screw torque	-
☞ Fixed Screw Specification	-
☞ Stripping length	8-9mm

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