



Product Description: Pitch:5.0mm Rated
Voltage : 320V Rated Current:10A
colour : customizable

Technical drawing of the 100-pin connector showing front, side, and top views with dimensions.

Front View (Left): Shows the connector profile with dimensions: 1.00 ± 0.05 (height), 3.50 ± 0.30 (width), and 28.45 (total height).

Side View (Top): Shows the connector profile with dimensions: 22.00 (width), 20.00 (height), and 7.50 (height of the top section).

Top View (Right): Shows the connector footprint with dimensions: 20.00 (width), 20.00 (height), 7.50 (width of the top section), 5.00 (width of the bottom section), and Dim. a (total width). The hole pitch is indicated as $\phi 1.40$ (建议孔距尺寸).

Bottom View (Left): Shows the connector footprint with dimensions: 5.00 (width of the top section), 5.00 (width of the bottom section), 7.50 (width of the top section), 20.00 (width of the bottom section), and Dim. a (total width).

MC-DPA5.0V48-F-0002



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 Number of levels

double-layer

 Number of connections

48

☞ 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	320V
☞ IEC Rated Voltage	10A
☞ Overvoltage category	III III II
☞ Degree of pollution	3 2 2
☞ Rated impulse voltage	4.0KV 4.0KV 4.0KV
☞ 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-DPA5.0V48-F-0002
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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