



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

The technical drawing illustrates the design of a multi-layer printed circuit board (PCB) through three distinct views:

- Top View:** Shows the overall rectangular shape with a width dimension of 22.00 . It features two rows of circular vias or components along the horizontal centerline.
- Bottom View:** Mirrors the top view, showing the reverse side of the board with corresponding patterns and dimensions.
- Cross-Sectional View:** A vertical slice through the board revealing its internal structure. Key dimensions include a total thickness of 28.45 , a central core layer of 20.00 , and a prepreg layer of 7.50 . The outer copper layers are each 0.05 thick. A central slot is shown with a width of 3.50 ± 0.30 .

Hole Position Diagram (孔位图):

- A detailed grid of holes is shown with a pitch of 5.00 .
- The distance from the left edge to the first hole column is 7.50 .
- The distance between the two main columns of holes is labeled as Dim. a .
- An individual hole diameter is specified as $\phi 1.40$ (建议孔径尺寸).

 SUPU ID

MC-DPA5.0V18-F-0002



5

 Number of levels

double-layer

 Number of connections

18

☞ 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-DPA5.0V18-F-0002
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