



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 central horizontal slot. Dimensions include a total width of 22.00 mm, a central slot width of 3.50 mm, and a distance from the left edge to the start of the slot of 3.50 ± 0.30 mm.
- Bottom View:** Displays the underside of the board, featuring a grid of circular holes. The hole pitch is labeled as Dim.a, and the distance between the center of a hole and the nearest edge is labeled as Dim.b. A specific dimension of 5.00 mm is also indicated.
- Cross-sectional View:** Provides a detailed look at the internal layers and core material. It shows five vertical vias connecting the top and bottom surfaces. The thickness of the board is specified as 1.00 ± 0.05 mm.

Additional details include a note indicating a recommended hole diameter of $\phi 1.40$ (建议孔径尺寸) and a label "孔位图" (Hole Position Diagram).

☞ SUPU ID	MC-DPA5.0V32-0002
☞ Pitch	5.0
☞ Number of connections	32
☞ 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	-
☞ Stripping length	-
☞ Use group	B/C/D

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