



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

Technical drawing of a 12-channel optical module, showing three views: top, front, and side views, along with a pinout diagram.

**Top View Dimensions:**

- Overall width: 22.00
- Overall height: 28.45
- Pin pitch (horizontal): 3.50
- Pin pitch (vertical): 5.00
- Pin 1 location: 3.50 ± 0.30
- Pin 12 location: 1.00 ± 0.05
- Pinout diagram: Shows 12 pins arranged in two rows of 6. The top row is labeled 1 through 6, and the bottom row is labeled 7 through 12. The pinout diagram also indicates a suggested pin diameter of  $\phi 1.40$  (建议孔径尺寸).

**Front View Dimensions:**

- Overall width: 22.00
- Overall height: 28.45
- Pin pitch (horizontal): 3.50
- Pin pitch (vertical): 5.00
- Pin 1 location: 3.50 ± 0.30
- Pin 12 location: 1.00 ± 0.05

**Side View Dimensions:**

- Overall width: 22.00
- Overall height: 28.45
- Pin pitch (horizontal): 3.50
- Pin pitch (vertical): 5.00
- Pin 1 location: 3.50 ± 0.30
- Pin 12 location: 1.00 ± 0.05

**Pinout Diagram:**

The pinout diagram shows the 12 pins arranged in two rows of 6. The top row is labeled 1 through 6, and the bottom row is labeled 7 through 12. The pinout diagram also indicates a suggested pin diameter of  $\phi 1.40$  (建议孔径尺寸).

|                         |                   |
|-------------------------|-------------------|
| ☞ SUPU ID               | MC-DPA5.0V44-0002 |
| ☞ Pitch                 | 5.0               |
| ☞ Number of connections | 44                |
| ☞ 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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