BEIJING ENERGY

High Voltage Module
MP Series

Economic Type High Temperature High Voltage Module

MP series high voltage module is used the latest and most advanced special rotating components. It is a kind of economic type high temperature high voltage power module.

Model: MP24P24R1.

Naming Rule

MP 24 P 24 R 1

Series Code

Civil High Voltage Module Series

The Highest Output Voltage

XX——100ˣXX

Output Polarity

P-Positive N-Negative

The Best Input Operating Voltage

05——5v

12——12V

B12——±12V

15——15V

B15——±15V

24——24V

Control Mode

R——Resistance and Voltage Both Control V——Voltage Control

Packaging Code

1	Φ16.3*72.0 Standard Install
1（R）	Φ16.0*68 Ear Install
1A	Φ22.0*84.5 Standard Install
1B	Φ22.0*40.0 Line on One End
1C	Φ22.0*45.0 Standard Install
3	Φ23.0*50.0 Line on One End
5（R）	Φ16.0*88.0 Ear Install

Subject to local technical requirements and regulations, availability of products included in this promotional material may vary .Please consult with our sales office.

Information furnished by BEIJING ENERGY is believed to be reliable. However, no responsibility is assumed for possible inaccuracies or omissions. Specifications are subject to change without notice. No patent rights are granted to any of the circuits described herein.

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LEAD

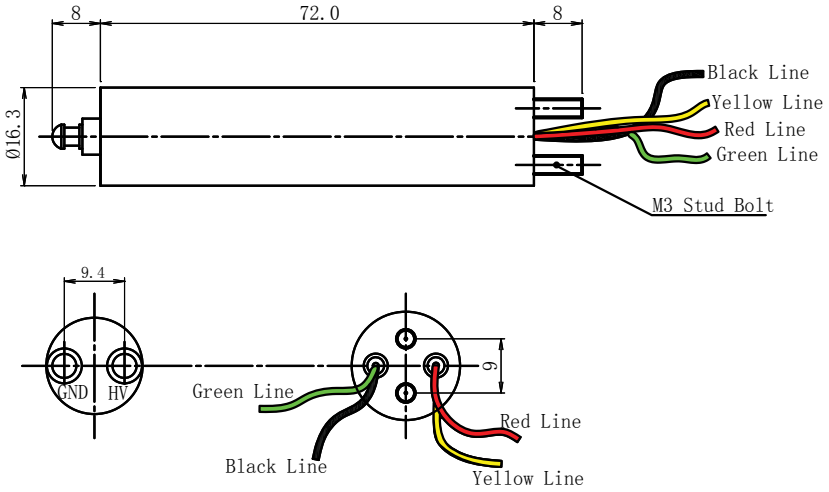
Input: Red line: Input power positive end. (Yellow line: Input power negative end.)
Black line: Input power ground wire. Green line: Output voltage control end.
Output: White line: High voltage (HV end).
Notice: Input power ground wire and output ground wire share –Black Line! (GND end).

Main Technical Parameters

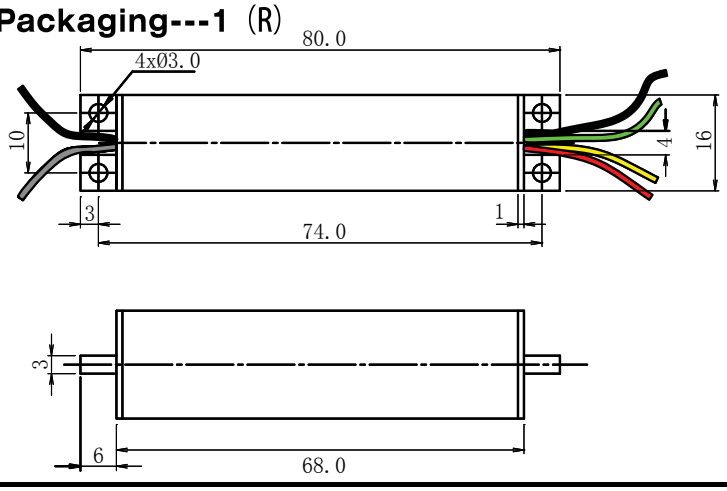
1.Operating temperature range: Rated, -40℃~+85℃.
(Excess, -55℃~+200℃.)
2.Input voltage: +5V ~ +40V.
3.Input current: 12mA@1600V with 22M load (24V IN).
50mA@2400V with 7M load (24V IN).
4.Output voltage: 0V ~±2400V.
5.Output current: 0.1 ~ 1.0mA.
6.Temperature stability: Max.: ±40PPM/℃.
(-55℃~+175℃).
7.Line regulation: ±0.2%(10% linear change).
8.Load regulation: ±0.1(50% load change).
9.Output ripple: 200.0mVp-p, Typ.: 75mVp-p.
(With recommend filter: 2mVp-p, Typ.: 0.5mVp-p.)
10.Shock resistance: 10G, 0~300Hz.
11.Storage temperature: -65℃~+150℃.

SIZE

Packaging---1



Packaging---1 (R)



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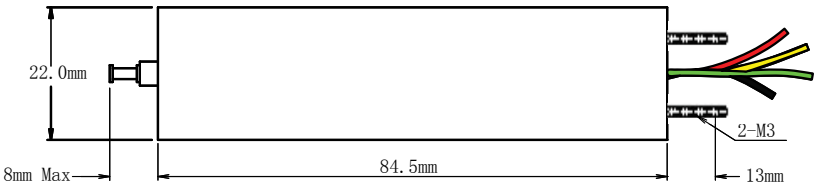
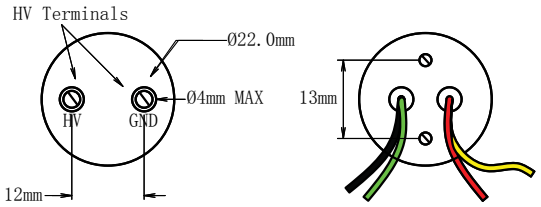
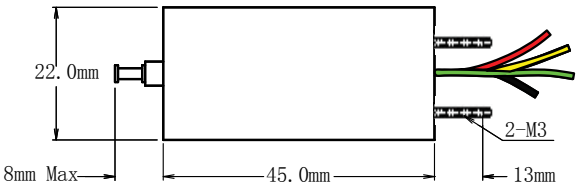
High Voltage Module MP Series

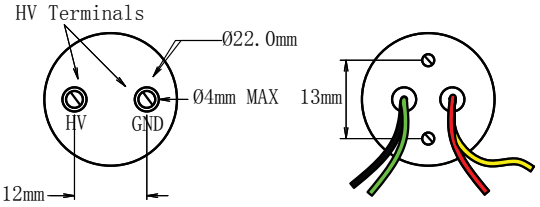
Packaging---1A



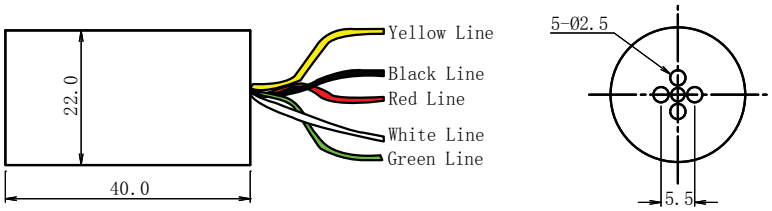


Packaging---1C





Packaging---1B



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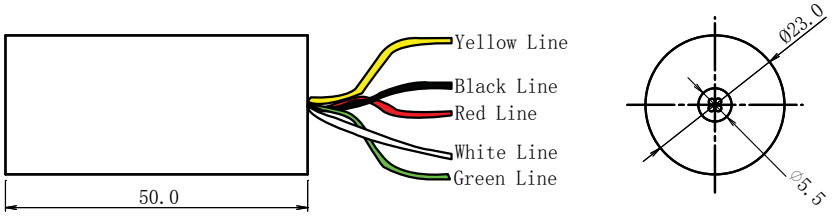

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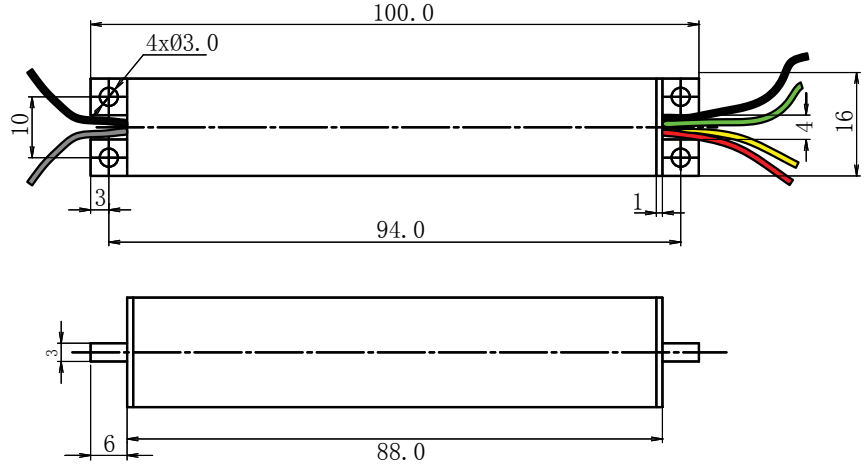

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