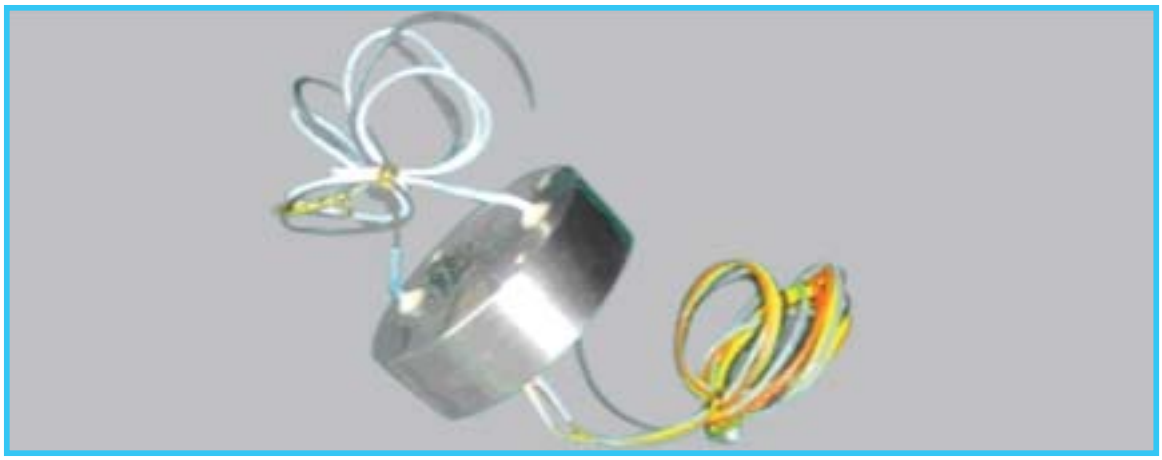
BEIJING ENERGY

High Voltage Module
HVD Series

High voltage module for the field of nuclear monitoring



Naming Rule

HVD 24 P 24 R 2 – – JX

Series Code — HVD

The Highest Output Voltage

XX——100×XX

Output Polarity

P-Positive N-Negative

The Best Input Operating Voltage

07——7v

12——12V

B12——±12V

15——15V

B15——±15V

24——24V

90——90V

Control Mode

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

Internal Technology and Packaging Code

Level and operating Temperature Range

C	Civil Level	0 ℃to+50 ℃
I	Industry Level	-20 ℃to+85 ℃
J	Military Level	-55 ℃to+125 ℃
JX	Special Military Level	-55 ℃to+150 ℃
JXV	Super Special Military Level	-55 ℃to+175 ℃
JS	Aerospace Level	-55 ℃to+200 ℃
JSV	Super Aerospace Level	-55 ℃to+225 ℃

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

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High Voltage Module HVD Series

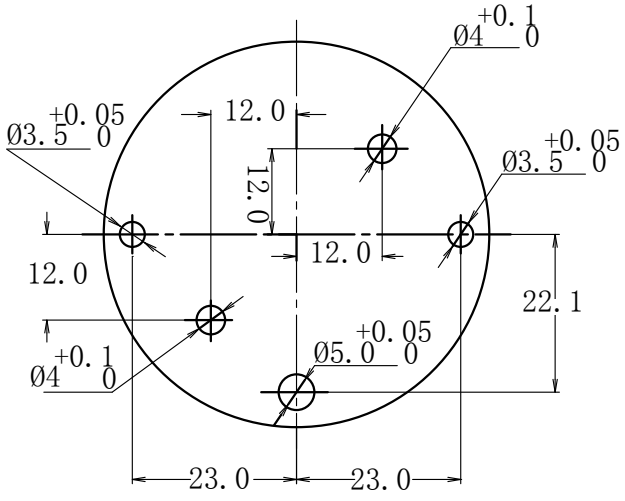
LEAD

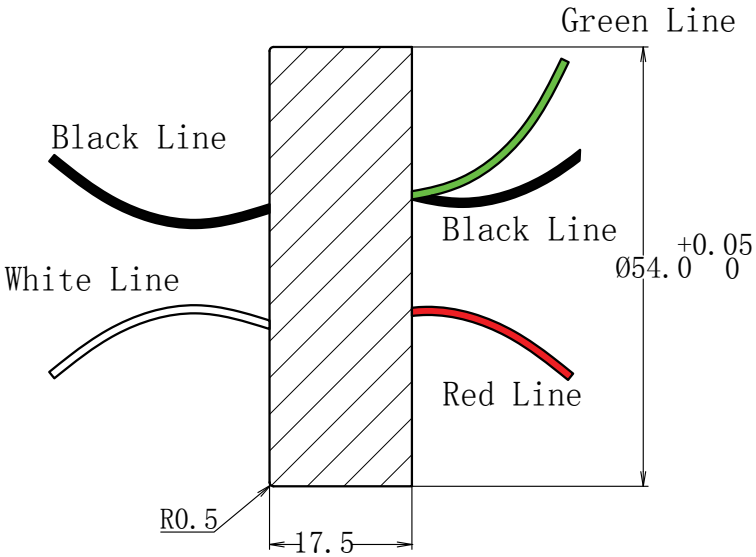
Input: Red line: Input power positive end. (Yellow line: Input power negative end.)
Black line: Input power ground wire. Green line: Output voltage control end.
Output: White line: High voltage (HV end).
Notice: Input power ground wire and output ground wire share –Black Line! (GND end).

Main Technical Parameters

1.Operating temperature range: Max.: -55℃~+225℃.
2.Input voltage: +10V ~ +33V (±10 ~±16.5V).
3.Input current: Max.: 60mA.
4.Output voltage: 0V ~ -2500V (+500 ~ +2000V).
5.Output current: 250μA.
6.Temperature stability: Max.: ±40PPM/℃,
Typ.: ±20PPM/℃.
7.Line regulation: ±0.1%(10% linear change).
8.Load regulation: ±0.05(50% load change).
9.Output ripple: Negative: 1.0Vp-p,
Typ.: 200mVp-p. Positive: 100mVp-p, Typ.: 50mVp-p.
(With recommend filter: 5mVp-p, Typ.: 1mVp-p.)
10.Shock resistance: 25G, 0~300Hz.

SIZE





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