

High Stability High Voltage Module 5kV/2mA



Brief Description:

High stability high voltage module operating at 24V DC provides a 50ppm stable output of 0 to 5kV @ 2mA, with a low ripple content of 100mV (p-p) and line & load regulation better than 0.001%. The module can be configured for a positive or negative polarity output.

Month: August

Year : 2015

Specifications/Possible applications:

Parameter	Specifications
Input voltage	24V DC \pm 1V
Output voltage	0 to +/-5kV corresponding to 0 to 10V ref. input
Line regulation	0.001% for \pm 1V Input Change
Load regulation	0.001% for 10% to 100% Load Change
Ripple	< 100mV p-p at full load
Stability	10ppm (Short Term) 50ppm (Long Term) 8 hours with 0.5 hour warm up
Protection	Short Circuit with Self Recovery and arc Protected.
Dimensions (L×W×H in cm)	20cm×10cm×5cm

Applications:

This HV module can be used for ion acceleration, ion optics, channel electron multipliers, photo multipliers, electrostatic lens, energy analyzers and a lot of other analytical applications.