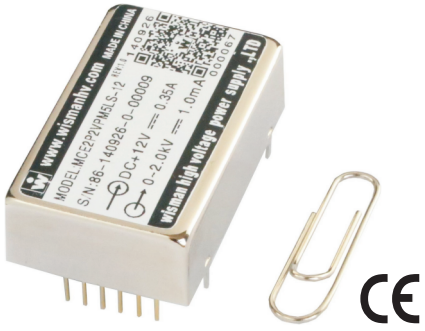
A | MICRO-MODULES



- HIGH STABILITY :10PPM/HR
- ULTRA LOW NOISE 10PPM
- ULTRA LOW TEMPERATURE COEFFICIENT 10PPM/℃
- SIX-SIDED SHIELDED
- EXTERNAL POTENTIOMETER OR AN EXTERNAL VOLTAGE REFERENCE
- OEM CUSTOMIZATION AVAILABLE

INTRODUCTION

Wisman's MCE series of high voltage 0.5~2W micro-modules that provide output voltages ranging from 100 V to 2 kV. MCE modules are compact six-sided shielded modules with ultra-low noise, high stability and ultra-low temperature coefficient. All models are provided with external potentiometer or an external voltage monitoring panel. This series modules have protection functions including over current protection, arc fault protection and short circuit protection.

TYPICAL APPLICATIONS

Mass spectrometry photomultiplier tubes (PMT), solid state detectors, Piezo crystal devices, ultrasonic transducers, microchannel plates (MCP), spectroscopy, scintillation counters, electron multiplier detectors, nuclear Instruments, electrophoresis, semiconductor testing, DNA sequencing, radiation counter, electron and ion beams, electrostatic chuck, high voltage, bias hipot testing, precision lenses, image intensifiers, semiconductor testing, chemical applications, laboratory applications, industrial application supplies.

MCE SELECTION TABLE

kV	mA	P(W)	MODEL	kV	mA	P(W)	MODEL	kV	mA	P(W)	MODEL
0.1	5	0.5	MCE0.1*0.5	0.5	1	0.5	MCE0.5*0.5	1.5	0.33	0.5	MCE1.5*0.5
	10	1	MCE0.1*1		2	1	MCE0.5*1		0.67	1	MCE1.5*1
	20	2	MCE0.1*2		4	2	MCE0.5*2		1.33	2	MCE1.5*2
0.2	2.5	0.5	MCE0.2*0.5	1	0.5	0.5	MCE1*0.5	2	0.25	0.5	MCE2*0.5
	5	1	MCE0.2*1		1	1	MCE1*1		0.5	1	MCE2*1
	10	2	MCE0.2*2		2	2	MCE1*2		1	2	MCE2*2

MCE SELECTION EXAMPLE

MCE	2	*	2	VP	5	VM	5	LS	12
Series Number	Maximum Output Voltage (kV)	Option Output Polarity: P:positive N:negative	Maximum Output Power (W)	Option Programming: VP: Voltage programming	Option Programming Proportion: 10:0~+10Vdc=0 to max. output 5:0~+5Vdc=0 to max. Output 2.5:0~+2.5Vdc=0 to max. output (only for +5Vdc input)	Option Monitor: VM: Voltage Monitor	Option Monitor Proportion: 10:0~+10Vdc=0 to max. output 5:0~+5Vdc=0 to max. Output 2.5:0~+2.5Vdc=0 to max. output (only for +5Vdc input)	Option Start Way: LS: GND=ON OPEN=OFF	Option Input Voltage: 24:+24Vdc input 15:+15Vdc input 12:+12Vdc input 5:+5Vdc input (vp2.5vm2.5)

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