



- **Miniature Size And High Power**
- **Low Ripple $\leq 0.5\%$ p-p**
- **Input /Output Proportional**
- **Input /Output Isolation (Up to 500V)**

INTRODUCTION

BP Series is a miniature size on board module featuring high reliability ,high power and low ripple.Either polarity can be used .

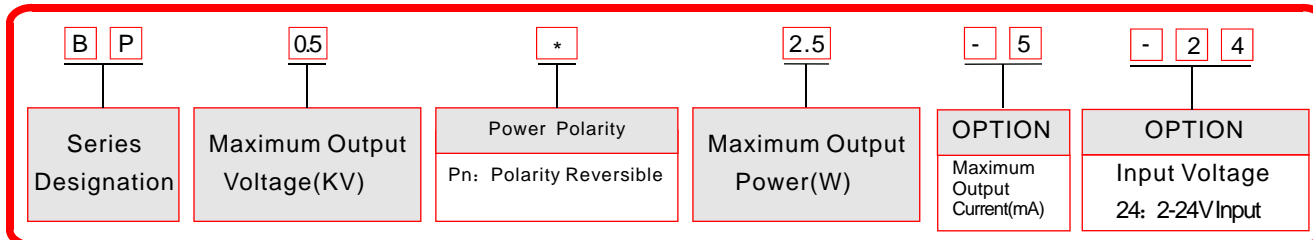
TYPICAL APPLICATIONS

PMT,High voltage Bias, APD ,PD,Electron multiplier Detectors , Electronand Ion Beams. Electrophoresis, lens, Spector meters, Focusing Aid , Medical Treatment , Chemical Plant, Laboratory Application, Industry.

BP SELECTION TABLE

KV	MA	P(W)	MODEL	KV	MA	P(W)	MODEL	KV	MA	P(W)	MODEL
0.1	25	2.5	BP0.1PN2.5	0.3	8.3	2.5	BP0.3PN2.5	0.5	5.0	2.5	BP0.5PN2.5
0.2	12.5	2.5	BP0.2PN2.5	0.4	6.25	2.5	BP0.4PN2.5				

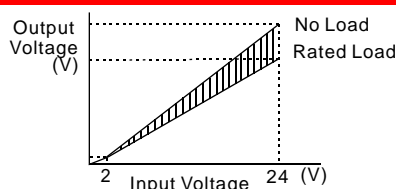
BP SELECTION EXAMPLE



BP SPECIFICATIONS

PARAMETER	DESCRIBE
Input Votage	+2Vdc to +24Vdc 0.18ATyp
Output Votage	0-0.5KV, 0-2.5W
Ripple	Less than 0.5%p-p.
Regulation	$\leq 5\%$ of max voltage for 20% to 100% load change
Temperature coefficient	Less than 25ppm/°C
isolation	500Vdc(input/output)
Protection	intermittent output short circuit
Temperature range	Operating: -10°C to +50°C , Storage: -20°C to +60°C

INPUT/OUTPUT PROPORTIONAL CHARACTERISTICS



DIMENSIONS INCH(mm)

(BOTTOM VIEW)

