

**VOLTAGE RANGE: 12KV**  
**CURRENT: 750mA**

### Features

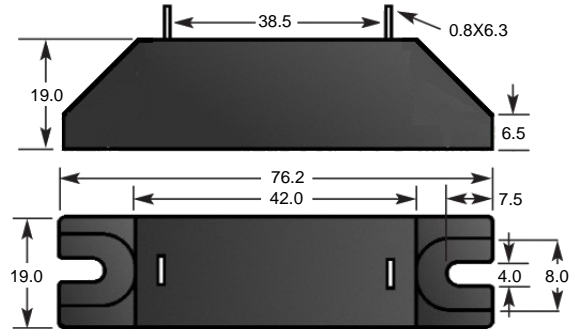
- Rectifier Blocks
- High Voltage
- Mounting
- Slots

### Applications

- X light Power supply
- Laser
- Voltage doubler circuit
- Microwave emission power



Outline Drawings : mm



### Maximum Ratings $T_A = 25^\circ\text{C}$ unless otherwise specified

Characteristic	Symbols	HVP-12	Units
Repetitive Peak Reverse Voltage	$V_{RRM}$	12	kV
Average Output Current $T_a=25^\circ\text{C}$ , Resistive Load	$I_o$	750	mA
Surge Current	$I_{FSM}$	50	$A_{peak}$
Maximum Forward Voltage Drop at $25^\circ\text{C}$ , $I_F=I_{F(AV)}$	$V_F$	14.0	V
Maximum Reverse Current	$V_{RRM}$	at $25^\circ\text{C}$	$\mu\text{A}$
		at $100^\circ\text{C}$	$\mu\text{A}$
Maximum Reverse Recovery Time at $25^\circ\text{C}$	$T_{rr}$	---	nS
Junction Capacitance at $25^\circ\text{C}$ , $V_R=0\text{V}$ , $f=1\text{MHz}$	$C_j$	---	pF
Junction Temperature	$T_j$	125	$^\circ\text{C}$
Allowable Operation Case Temperature	$T_c$	125	$^\circ\text{C}$
Storage Temperature	$T_{stg}$	-40 to +125	$^\circ\text{C}$