



HVP-14

HIGH VOLTAGE DIODES

VOLTAGE RANGE: 14KV
CURRENT: 750mA

Features

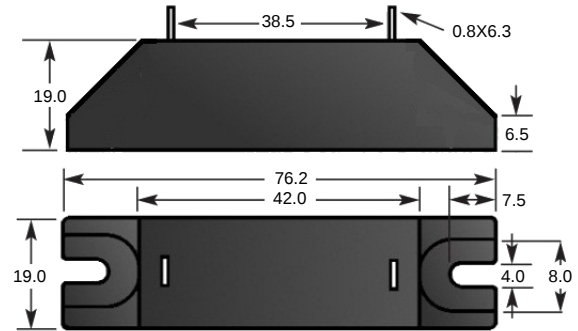
- Rectifier Blocks
- High Voltage
- Mounting
- Slots

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-14	Units
Repetitive Peak Reverse Voltage	V_{RRM}	14	kV
Average Output Current $T_a=25^\circ\text{C}$, Resistive Load	I_o	750	mA
Surge Current	I_{FSM}	50	A
Maximum Forward Voltage Drop at 25°C , $I_F=I_{F(AV)}$	V_F	16.0	V
Maximum Reverse Current at 25°C at 100°C	V_{RRM}	5.0	μA
		100	μA
Maximum Reverse Recovery Time at 25°C	T_{rr}	---	nS
Junction Capacitance at 25°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	$^\circ\text{C}$