

VOLTAGE RANGE: 5KV
CURRENT: 750mA

Features

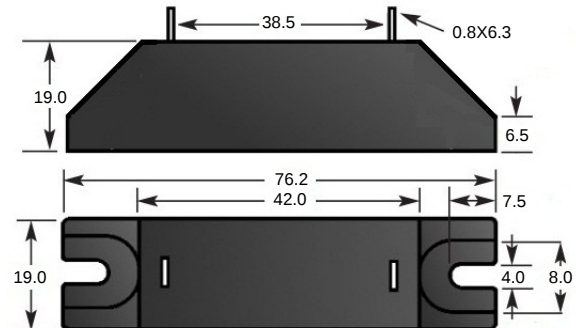
- Rectifier Blocks
- High Voltage
- Mounting
- Slots

Applications

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



Outline Drawings : mm



Maximum Ratings and Electrical Characteristics T_A = 25°C unless otherwise specified

Characteristic	Symbols	HVP-5	Units
Repetitive Peak Reverse Voltage	V _{RRM}	5	kV
Average Output Current Ta=25°C, Resistive Load	I _O	750	mA
Surge Current	I _{FSM}	50	A _{peak}
Maximum Forward Voltage Drop at 25°C, I _F =I _{F(AV)}	V _F	6.0	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 =0V, f=1MHz	C _j	---	pF
Junction Temperature	T _J	125	°C
Allowable Operation Case Temperature	T _C	125	°C
Storage Temperature	T _{stg}	-40 to +125	°C