

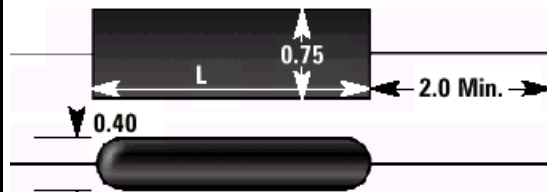
FEATURES HVxxF series

- Axial Lead Flat Pack
- High Voltage & High Current
- Fast Recovery

APPLICATIONS

- H.V. Power Supplies
- Radar Power Supplies
- Electrostatic Precipitators

HVxxF PACKAGE



L- Length Value: see below
Lead Diameter: .050"

ELECTRICAL SPECIFICATIONS @ 25°C

Part Number	Working Reverse Voltage V_{rwm} (Volts)	Average Rectified Current I_o in oil @ 55°C (Amp)	Reverse Current I_r @ V_{rwm} (μA)	Forward Voltage V_f @ 3 Amps (Volts)	1 Cycle Surge Current I_{fsm} @ $t_p = 8.3ms$ (Amps)	Reverse Recovery Time T_{rr} @ (Note1) (ns)	Case Length L (Inches)
HV25F	2500	2.2	5.0	4.2	150	75	1.50
HV50F	5000	2.2	5.0	9.0	150	75	2.50
HV75F	7500	2.2	5.0	11.2	150	75	3.50
HV100F	10000	2.2	5.0	14.0	150	75	4.50

Note 1: $I_f=0.5A$, $I_r=1.0A$, $I_{rr}=0.25A$

Operating Temperature -55°C to +150°C
Storage Temperature -55°C to +150°C