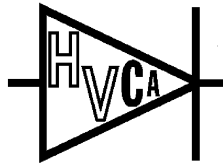
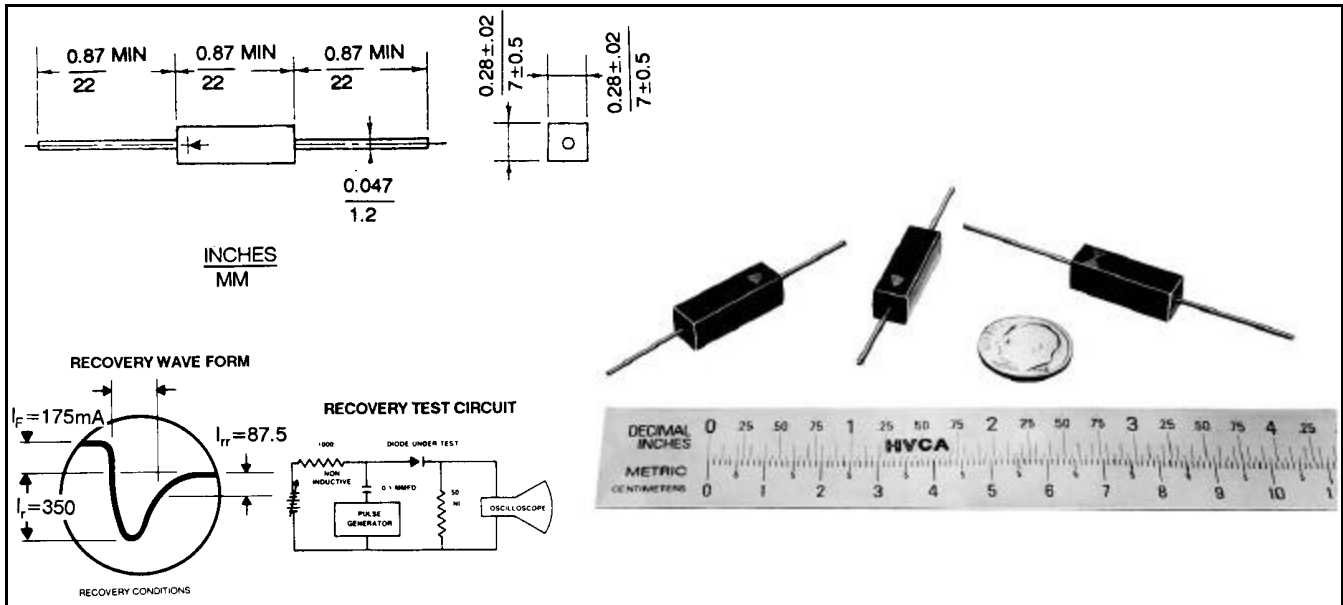


**SERIES
HVR-1X
UX-FOB
UX-C2B**



**8, 10, 12 K Volts
500 mAmps
to 35 ns Recovery**



High Voltage Power Diodes Standard and Ultra-Fast Recovery

| HVCA Number | Repetitive Peak Reverse Voltage V_{RRM} V(Volts) | Avg. Forward Current Max. I_{FAVM} @ 55°C mA (milliAmps) | Max. Forward Voltage Drop V_F @ I_F V(Volts) | Max. Reverse Current I_R @ V_{RRM} @ 25°C μ A (microAmps) | Max. Surge Current I_{FSM} (8.3 ms) A (Amps) |
|--|--|--|--|---|--|
| UX – Ultra Fast Recovery 35 nsec High Current Diode | | | | | |
| UX-C2B | 8000 | 500 | 14.0 | 0.5 | 20 |

| | | | | | |
|--|------|-----|------|-----|----|
| UX – Fast Recovery 50 nsec High Current Diode | | | | | |
| UX-FOB | 8000 | 500 | 14.0 | 0.5 | 20 |

| | | | | | |
|---|-------|-----|------|-----|----|
| HVR-1X – Standard Recovery High Current Diodes | | | | | |
| HVR-1X-4 | 10000 | 500 | 10.0 | 0.3 | 30 |
| HVR-1X-3 | 12000 | 500 | 11.0 | 0.3 | 30 |

HV Component

Mail: PO Box 2245, Farmingdale, NJ 07727

Fax: (732) 938-4451

<http://www.hvca.com>



Associates, Inc.

Factory: 1709 Route 34, Wall, NJ 07719

Telephone: (732) 938-4499

Email: info@hvca.com

HV Component Associates specializes in the design, development and manufacture of high voltage rectifiers and diodes, voltage multipliers, bridge rectifiers, standard, fast, and ultra fast rectifier

devices, and special assemblies for exacting custom applications. Our experience and our highly advanced technology provide the most economical and highest quality rectifiers available today.