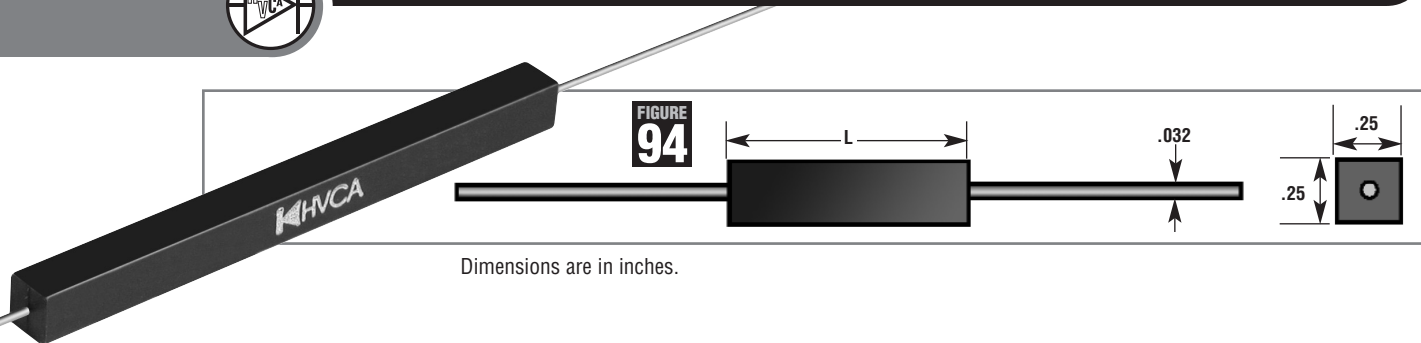




# RS, RH, BCH AND RTH SERIES



Dimensions are in inches.

| HVCA Number | Peak Reverse Voltage<br>$V_{RRM}$<br>V(Volts) | Avg. Forward Current Max.<br>$I_{FAVM@55^{\circ}C}$<br>mA(milliamps) | Max. Forward Voltage Drop<br>$V_F@I_F$<br>V(Volts) | Max. Reverse Current<br>$I_R@V_{RRM}@25^{\circ}C$<br>$\mu A$ (microAmps) | Max. Surge Current<br>$I_{FSM}(8.3ms)$<br>A(Amps) | Max. Reverse Recovery Time<br>$T_r$ (nsec) | Figure No. 94 Length |
|-------------|---|--|--|--|---|--|----------------------|
| RSUF2       | 2000  | 650  | 2.6  | 5  | 10  | 35   | 1.0                  |
| RSUF3       | 3000  | 650  | 3.9  | 5  | 10  | 35   | 1.5                  |
| RSUF5       | 5000  | 550  | 6.5  | 5  | 10  | 35   | 2.0                  |
| RSUF6       | 6000  | 500  | 7.8  | 5  | 10  | 35   | 2.5                  |
| RSUF7       | 7000  | 500  | 9.1  | 5  | 10  | 35   | 3.0                  |
| RSUFH12     | 1200  | 1500   | 3.6  | 10   | 50  | 35   | 1.0                  |
| RSUFH18     | 1800  | 1500   | 5.4  | 10   | 50  | 35   | 1.5                  |
| RSUFH24     | 2400  | 1250   | 7.2  | 10   | 50  | 35   | 2.0                  |
| RSUFH36     | 3600  | 1250   | 10.8   | 10   | 50  | 35   | 2.5                  |
| RSUFH42     | 4200  | 1250   | 12.6   | 10   | 50  | 35   | 3.0                  |
| RHV15       | 15000   | 25   | 35   | 1  | 3   | 100  | 2.0                  |
| RHV20       | 20000   | 25   | 55   | 1  | 3   | 100  | 2.0                  |
| RHV25       | 25000   | 25   | 55   | 1  | 3   | 100  | 2.0                  |
| RHV30       | 30000   | 25   | 70   | 1  | 3   | 100  | 3.0                  |
| RHV35       | 35000   | 25   | 110  | 1  | 3   | 100  | 3.0                  |
| RHV40       | 40000   | 25   | 110  | 1  | 3   | 100  | 3.0                  |
| RHV50       | 50000   | 25   | 110  | 1  | 3   | 100  | 3.0                  |
| RHV60       | 60000   | 25   | 110  | 1  | 3   | 100  | 3.0                  |
| RHV90       | 90000   | 25   | 165  | 1  | 3   | 100  | 3.0                  |
| RHV120      | 120000  | 25   | 220  | 1  | 3   | 100  | 3.0                  |
| RHV150      | 150000  | 25   | 275  | 1  | 3   | 100  | 3.0                  |
| BCHV08      | 8000  | 100  | 10   | 2  | 20  | -  | 1.0                  |
| BCHV10      | 10000   | 100  | 12   | 2  | 20  | -  | 1.0                  |
| BCHV12      | 12000   | 100  | 13   | 2  | 20  | -  | 1.0                  |
| BCHV15      | 15000   | 100  | 16   | 2  | 20  | -  | 1.5                  |
| BCHV20      | 20000   | 100  | 24   | 2  | 20  | -  | 2.0                  |
| BCHV25      | 25000   | 100  | 32   | 2  | 20  | -  | 2.5                  |
| BCHV30      | 30000   | 100  | 32   | 2  | 20  | -  | 3.0                  |
| BCHV35      | 35000   | 100  | 39   | 2  | 20  | -  | 3.0                  |
| BCHV40      | 40000   | 100  | 48   | 2  | 20  | -  | 3.0                  |
| BCHV45      | 45000   | 100  | 48   | 2  | 20  | -  | 3.0                  |
| BCHV50      | 50000   | 100  | 64   | 2  | 20  | -  | 3.0                  |
| BCHV60      | 60000   | 100  | 64   | 2  | 20  | -  | 3.0                  |
| RTHV08      | 8000  | 100  | 22   | 2  | 10  | 100  | 1.0                  |
| RTHV10      | 10000   | 100  | 22   | 2  | 10  | 100  | 1.0                  |
| RTHV12      | 12000   | 100  | 26   | 2  | 10  | 100  | 1.0                  |
| RTHV15      | 15000   | 100  | 26   | 2  | 10  | 100  | 1.5                  |
| RTHV20      | 20000   | 100  | 44   | 2  | 10  | 100  | 2.0                  |
| RTHV25      | 25000   | 100  | 52   | 2  | 10  | 100  | 2.5                  |
| RTHV30      | 30000   | 100  | 52   | 2  | 10  | 100  | 3.0                  |
| RTHV35      | 35000   | 100  | 70   | 2  | 10  | 100  | 3.0                  |
| RTHV40      | 40000   | 100  | 78   | 2  | 10  | 100  | 3.0                  |
| RTHV45      | 45000   | 100  | 78   | 2  | 10  | 100  | 3.0                  |
| RTHV50      | 50000   | 100  | 105  | 2  | 10  | 100  | 3.0                  |
| RTHV60      | 60000   | 100  | 105  | 2  | 10  | 100  | 3.0                  |
| RTHV80      | 80000   | 100  | 140  | 2  | 10  | 100  | 3.0                  |

Custom parts available, please consult factory.

DIODES