

Please use this form to help provide the information needed for technical sales support with a product request for all standard products and customer designs for all high voltage diodes.



GENERAL INFORMATION

Company Name: _____ Request Date: _____
 Contact Name: _____ Response Required Date: _____
 Email Address: _____ Build Location (City & Country): _____
 Phone Number: _____ Final Application: _____

DESIGN REQUIREMENTS

Rectifier Use

- | | |
|--|-------------------------------------|
| <input type="checkbox"/> Rectification – Half Wave | <input type="checkbox"/> Blocking |
| <input type="checkbox"/> Rectification – Full Wave | <input type="checkbox"/> Clipping |
| <input type="checkbox"/> Rectification – Three Phase | <input type="checkbox"/> Clamping |
| <input type="checkbox"/> Rectification – Other | <input type="checkbox"/> Multiplier |

For Blocking/Clipping or Clamping Use

Maximum Reverse Voltage (V): _____
 Fastest Rise Time di/dT (ms/ns): _____
 Maximum Pulse Repetition Rate: _____

Basic Characteristics

Average Operating Voltage (V): _____
 Maximum Operative Voltage (V): _____
 If AC Maximum Frequency (kHz): _____
 Average Operating Current (mA or A): _____
 Average Operating Current Through: ☐ Diode ☐ Bridge
 Maximum Surge Current (mA/A): _____
 Duration (ms/ns): _____ Frequency (kHz): _____
 Cooling Method: ☐ Convection ☐ Moving Air ☐ Oil
☐ Heat Sink ☐ Other
 Maximum Operating Temperature (°C): _____
 Operating Environment: ☐ Air ☐ Gas ☐ Oil ☐ Epoxy
 Other _____

For Multiplier Use

Multiplier Input Voltage (V): _____
 Maximum Input Frequency (kHz): _____
 Number of Stages in Multiplier: _____
 Multiplier Type: ☐ Crockcroft Walon
☐ Other _____
 Desired Multiplier Output Voltage (V): _____
 Desired Multiplier Output Current (mA or A): _____
 Desire Multiplier Output Ripple (%): _____

If interested in full multiplier, please use Multiplier Inquiry Form.

NOTES/DIAGRAMS