**Diode / Rectifier Inquiry Questionnaire**

**General Information:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name & Title: |  | Date: |  |
| Company: |  | Phone: |  |
| Address: |  | E-mail: |  |
| City/State/Zip: |  | **Final Application:** |  |

**Rectifier Use:**

⃝ Rectification - Half Wave

⃝ Rectification - Full Wave

⃝ Rectification - Three Phase

⃝ Rectification - Other

⃝ Blocking

⃝ Clipping

⃝ Clamping

⃝ Multiplier

**Basic Characteristics:**

|  |  |
| --- | --- |
| Average Operating Voltage |  |
| Peak (max) Operating Voltage |  |
| If AC Max Frequency |  |
| Average Operating Current |  |
| Average Operating Current Through | ⃝ Diode  ⃝ Bridge |
| Maximum Surge Current |  |
| Duration of Surge Current |  |
| Cooling Method | Convection / Moving Air / Oil / Heat Sink / Other |
| Maximum Operating Temperature (°C) |  |
| Operating Environment | Air / Gas / Oil / Epoxy / Other |

|  |  |
| --- | --- |
| Max Reverse Voltage |  |
| Fastest Rise Time (di/dT) |  |
| Max Pulse Repetition Rate |  |

**For Blocking / Clipping or Clamping Use:**

**For Multiplier Use** (if interested in full multiplier, please use specific form)

|  |  |
| --- | --- |
| Multiplier input voltage |  |
| Maximum input frequency |  |
| Number of Stages in Multiplier |  |
| Multiplier Type | Crockcroft Walon / Other |
| Desired Multiplier Output Voltage |  |
| Desired Multiplier Output Current |  |
| Desired Multiplier Output Ripple |  |

Comments / further description of the system: