**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: