**Multiplier Questionnaire**

**General Information:**

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

**DESIGN REQUIREMENTS**

***Basic Input Characteristics:***

Input Voltage: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (V)

Input Voltage Type: Peak to Peak / Peak / RMS

Input Waveform: Sine / Square

Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Waveform Type: Symmetric / Positive / Negative

Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Input Frequency or Repetition Rate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Hz)

Maximum Operating Temperature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (°C)

***Basic Output Characteristic:***

Load Type: Resistive / Capacitive

Ripple: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (%)

Ripple Max: \_\_\_\_\_\_\_\_\_\_\_\_ (%) at \_\_\_\_\_\_\_\_\_\_\_ (mA Output)

Max Voltage Output at Full Load: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (V)

Max Output Current: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (mA)

***Output Options:***

Voltage Tap: \_\_\_\_\_\_\_\_\_\_\_\_\_ (V) at \_\_\_\_\_\_\_\_\_\_\_ (mA Load)

Bleed Resistor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(MΩ)

Series Output Resistor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (kΩ)

***Mechanical & Package Requirements:***

Maximum Length: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (in. / cm)

Maximum Width: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (in. / cm)

Maximum Height: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (in. / cm)

Mounting Dimensions / Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Terminals / Connection Types\*: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(\*Include Wire AWG and Length)

***Other Requirements:***

Full Encapsulation Required: Yes / No

Comments / further description of the system: