

Diode Inquiry Form



What will the diode be used for?

Is it for a rectifier? If yes go to Section A

Is it a Blocking Diode? If yes go to Section B

Is it for clipping or Clamping? If yes go to Section C

Is it for a multiplier? If yes go to Section D

Customer Name: _____ Phone: _____

Contact Name: _____

Address: _____ Email: _____

Address: _____

Section A - Rectifiers

What is the maximum voltage applied across the diode? _____ V or kV

What is the average current thru the diode? _____ mA or A

What is the maximum surge or transient current thru the diode? _____ mA or A

What duration is the surge? _____

What is the maximum frequency of the AC applied to the diode? _____ kHz

How is the diode cooled? Convection / Moving Air / Oil

What is the Maximum Temperature? _____ °C

Section C - Clipping or Clamping Diodes

What is the maximum reverse voltage applied across the diode at any time? _____ V or kV

What is the average current thru the diode? _____ mA or A

What is the maximum surge or transient current thru the diode? _____ mA or A

What is the duration of the surge or transient current? _____

What is the maximum pulse repetition rate? _____

How is the diode cooled? Convection / Moving Air / Oil

What is the Maximum Temperature? _____ °C

Section B - Blocking Diodes

What is average current flowing thru the diode? _____ mA or A

What is the peak surge current that will flow thru the diode? _____ mA or A

What is the duration of the peak surge current? _____

What is the repetition rate? _____

Are there any very steep rise times (High dI/dT) to be concerned with?

What is the maximum reverse voltage that will be applied across the diode? _____ V or kV

What is the frequency of any AC that might appear across the diode? _____ kHz

How is the diode cooled? Convection / Moving Air / Oil

What is the Maximum Temperature? _____ °C

Section D - Multiplier Diodes

What is the input voltage of the multiplier? _____

What is the maximum frequency of input voltage? _____ kHz

How many stages in the multiplier? _____

What type multiplier? Crockcroft Walton / Other _____

What is the desired current to be supplied by the multiplier? _____ mA or A

What is the desired output voltage of the multiplier? _____ V or kV

How is the diode cooled? Convection / Moving Air / Oil

What is the Maximum Temperature? _____ °C

Notes:
