



Quantum Computer & Cryo Preliminary Questionnaire

Date _____

Tel +1-800-776-9888

Contact _____

Title _____

Company _____

Tel _____

email _____

Country _____

Reference Project Name or Component # _____

Application: Quantum Computer Space/Defense Other _____

A. Substrate Material: Organic Ceramic Si Other _____

1. Substrate Size: X _____ Y _____ Z _____ Height with Cover _____

2. Pad Diameter _____ Nbr Pads _____ Pad Pitch _____ Pad Material _____

3. Pad Matrix: Full Array Perimeter Rows Asymmetric Other _____

4. Substrate is available: Now Less than 6-months > 6 months Planning Stage Only

5. Outline drawing or rough sketch of substrate is available? Yes – Please attach Ready Soon

B. Operating Temperature:

6. Lowest Operating Temp _____ °C (°K) Highest Operating Temp _____ °C (°K)

7. Describe thermal cycle requirements: _____

C. Assembly (Reflow Soldering) Conditions:

8. Max temp during attachment of columns on substrate _____ °C Secondary on PCB _____ °C

9. Preferred Solder Paste Alloy _____ Other soldering requirements _____

D. PC Board Material _____ **PCB Pad Diameter** _____

E. Environmental

10. Lead Free RoHS is Required Lead (Pb) is Preferred Either is allowed

F. Who will Attach Columns ?

11. Customer Service Partner Company TopLine Other _____

G. Other Concerns: _____ Continued next page