



Solder Column Questionnaire

Date _____

Contact _____ Title _____

Company _____ Tel _____

email _____ Country _____

Reference Project Name or Component # _____

A. Substrate Material: Ceramic Organic Other _____

1. Substrate Size: X _____ Y _____ Z _____ Height with Cover _____
2. Pad Diameter _____ Nbr Pads _____ Pad Material Ni/Au Cu/Au Other
3. Condition of Pads: Bare/Fresh Solder Coated With Solder Balls With Columns
4. Substrate is available: Now Less than 180 days More than 180 days In Design
5. Outline drawing or sketch of substrate is available? Yes – Please attach No

B. Solder Column Alloy and Construction:

6. Alloy: Pb80/Sn20 Pb90/Sn10 RoHS Lead Free Indium Other _____
7. Construction Cu Braided Cu Wrapped Plain Micro-coil Other _____

C. Solder Column Dimensions:

8. Diameter: Min _____ Max _____ Unsure
9. Column Length (As Delivered) Min _____ Max _____ Unsure
10. Final Length (After Attachment and Planarization) Min _____ Max _____ Unsure

D. Use of Substrate/Device:

11. Space Quantum Computer Daisy Chain Other _____
12. Operating Temperature Range Min _____ °C Max _____ °C

E. Who will Attach Columns ?

13. Customer Service Partner Company TopLine Other _____

E. Other Concerns: _____ Continued next page