SEMICONDUCTOR APPLICATION CHECKLIST

Project Name: _____

Submitted by: _____

Phone: _____ Email: _____

Customer: _____

Please submit the following documents with this Semiconductor Application Checklist

1. Dimensional drawing, sketch, or electronic file of component/system to be heated   2. Specific customer specification requirements (if applicable)

Preferred Unit of Measurement: Inches   mm

General Application: _____

Is this an OEM application?   Yes   No

Cleanroom Classification: Class 10   Class 100   Other: _____

Ambient Temperature: Room Temperature (22°C/72°F)   Other: _____ °   °C   °F

HEAT REQUIREMENTS:

Starting temperature: _____ °   °C   °F

Heat up to: _____ ° , within: _____ hours

Maintain at: _____ ° but never above: _____ ° and never below: _____ °

Is there a heat sink adjacent to the heated component that could pull heat away from heated component?   Yes   No

Material of pipe/object to be heated: 1/8" Thick Stainless Steel   Other (please specify): _____

Are there any obstructions or clearance issues that may restrict heater placement?   Yes   No
If yes, please provide documentation.

Content name: _____

Flow rate: _____   Beginning State: Gas   Liquid   Solid   Desired Ending State: Gas   Liquid   Solid

Will there be gas introduced below the target setpoint (i.e. purge)?   Yes   No
If yes, please provide documentation.

POWER/CONTROL REQUIREMENTS:

Voltage: 100-120VAC   220-240VAC   208VAC   Other (please specify): _____

Control: LYNX®   Centipede®2   MPC2   Other (please specify): _____

Please provide any additional application documentation detailing the flow path, fluid material(s), dynamic flow conditions and timing, fluid path orientation and gravity vector, general performance requirements which may include weldment uniformity or heat-up benchmarks.

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Thank you for the opportunity to quote your project.