

TQP7M9106

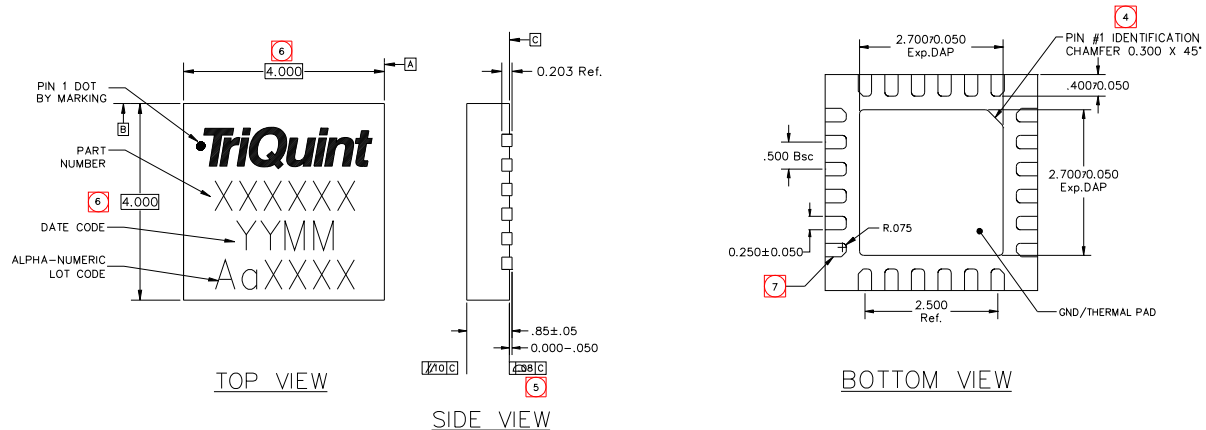
2W High Linearity Amplifier



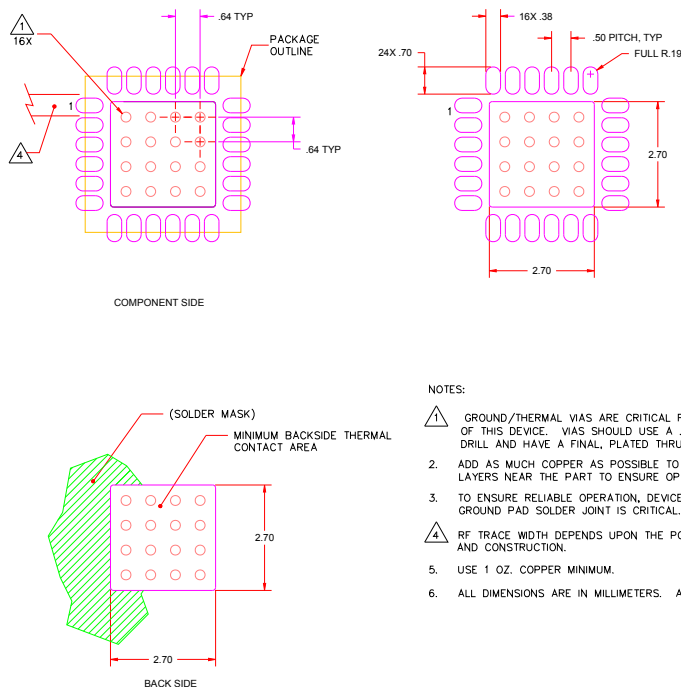
Mechanical Information

Package Information and Dimensions

The component will be marked with a "7M9106" designator and an alphanumeric lot code on the top surface of package.



PCB Mounting Pattern



NOTES:

- All dimensions are in millimeters [inches]. Angles are in degrees.
- Use 1 oz. copper minimum for top and bottom layer metal.
- Vias are required under the backside paddle of this device for proper RF/DC grounding and thermal dissipation. We recommend a 0.35mm (#80/.0135") diameter bit for drilling via holes and a final plated thru diameter of 0.25mm (0.10").
- Ensure good package backside paddle solder attach for reliable operation and best electrical performance.
- Place mounting screws near the part to fasten a back side heat sink.
- Do not apply solder mask to the back side of the PC board in the heat sink contact region.
- Ensure that the backside via region makes good physical contact with the heat sink.