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[EQ Surface Mount Mixers](#)

Marki Microwave EQ Carrier Surface Mount Mixers are designed for easy surface-mount integration into microwave radio and other wireless systems for applications up to 40 GHz.

EQ Carrier Surface Mount components may be mounted one of two ways: reflow-soldered directly to the system substrate or screwed in place and solder-tacked at the port and ground connections. For many applications, it is sufficient to simply solder-tack the input/output and ground connections. 0-80 metal or nylon screws may be used for alignment, although nylon screws will minimize radiation effects.

For best performance, the surface mount mixer is reflow-soldered to the circuit board as shown. The mounting holes can be used for alignment, however **screws are not required**. See Application Note 601-03863 for the recommended PCB system footprint.

