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### [EZ Surface Mount Mixers](#)

Marki Microwave EZ Carrier Surface Mount Mixers are designed for easy surface-mount integration into microwave radio and other wireless systems for applications up to 30 GHz.

EZ-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. 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 601-03688 for the recommended PCB system footprint. Note that **EZ-Carrier T3As and EZ-Carrier Buffer Amplifiers are not suitable for reflow solder** due to the use of open amplifier chips. UZ-Carrier T3As are suitable for reflow solder.

