



215 Vineyard Court
Morgan Hill, CA 95037
Phone (408) 778-4200
FAX (408) 778-4300
Website: MarkiMicrowave.com

EP-Surface Mount Mixers

Marki Microwave EP-Carrier Surface Mount Mixers are designed for easy surface-mount integration into microwave radio and other wireless systems for applications up to 18 GHz.

EP-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, ground connections, and plated-thru mounting-screw vias. 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 601-03590 for the recommended PCB system footprint.

