

# SMT Microphones

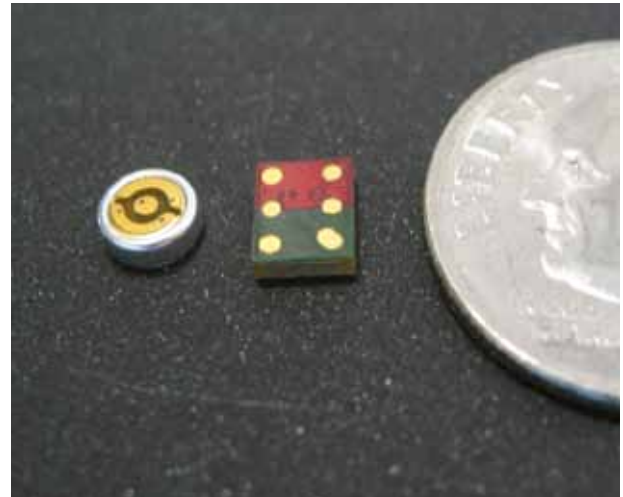


As mobile telecommunication devices and consumer electronics continue to shrink in size, the components inside these products must do the same. MWM has recognized the need for compact acoustic components and has the solution: surface mount technology (SMT).

MWM has designed and manufactured a line of small form factor SMT Electret Microphones. These highly advanced components leverage high-temperature capable materials to allow fully automated IR reflow oven processing. Because our solutions leverage Electret technology, our customers can be assured of higher signal to noise ratio and lower costs in comparison to MEMS solutions. Other advantages of SMT microphones include:

- Eliminating wires reduces the space consumed
- No manual operation eliminates risk of human error
- Total automation increases reliability and quality assurance
- Small Form Factor (SFF) microphones available with a diameter as small as 3 mm

MWM's SMT technology enables microphones to be produced smaller than ever, which makes these tiny microphones perfect for mobile applications. Now is the perfect time to take advantage of this state-of-the-art technology. MWM can help assess your company's needs and determine if our SMT microphones can help your products sound smarter.



**Look how tiny!** Displayed above are the 3 mm SMT round microphone and 4.72 x 3.76 x 1.30 mm SMT rectangular microphone.

## Applications of SMT Microphones

- Bluetooth headsets
- Earphones and portable headsets
- PC's, notebooks & LCD monitors

Sound Smarter.® 