



Author: Brian Ward
Tel: +1 919 628 3456
E-mail: brian.ward@vishay.com

Vishay MLCCs Are Here to Stay

The demand for MLCCs continues to exceed the current supply, resulting in severe market shortages. Many suppliers have reduced their product offerings, and are in effect forcing customers to downsize the parts that they use, resulting in complete board redesigns.

In some instances, consumer electronics and products that undergo frequent board spins can move to smaller parts (e.g.: 0402 case size to an 0201 or even an 01005).

However, a case size reduction is not always an option. Some designs are changed infrequently, whether it's because a design works well, is very complicated, or has recertification requirements. Manufacturers may also not have the pick and place equipment required to handle these incredibly small chips. Others simply don't have the resources (design engineering talent or capital) available to invest in board redesigns.

With its Vitramon brand, Vishay is here for you. The sweet spot of our manufacturing process is "large body size" parts — from 0402 to 2225 and beyond. So, for example, if your design utilizes, and will continue to utilize, MLCCs like 0603 100 nF, 1210 1000 V NP0 / C0G, or 2225 1 μ F parts, Vishay is here to support you now and in the future. Unlike many MLCC suppliers, we have no plans to curtail production of large body size MLCCs.

Contact Information:

THE AMERICAS

Brian Ward
brian.ward@vishay.com

EUROPE

Thomas Waechter
thomas.waechtert@vishay.com

ASIA/PACIFIC

BH Tan
boonhooi.tan@vishay.com