

ISSUE: [July 2026](#)

MLCC Delivers 10 μ F In 0201 Case Size

[Kyocera AVX's](#) KGM03 series MLCC delivers what's described as an industry-leading 10- μ F capacitance in the EIA 0201 (0.6-mm x 0.3-mm) case size (see the figure). The capacitor offers an X5R temperature coefficient, a 4-V rating and two tolerance options—K ($\pm 10\%$) and M ($\pm 20\%$) (part number: KGM03DR50G106MH). Applications include smartphones and wearable devices.

For more information, see the product [page](#).

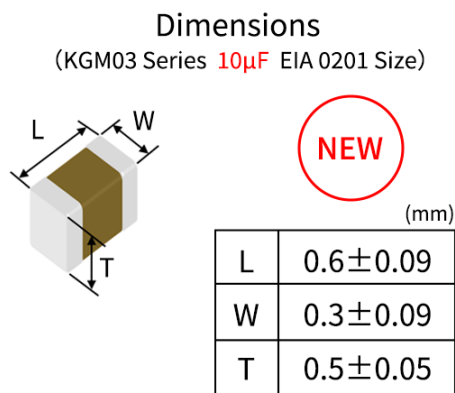
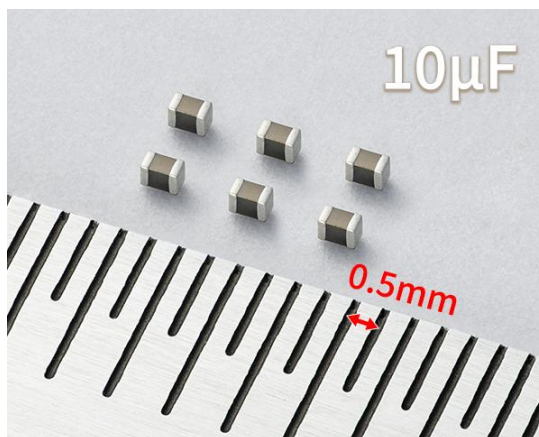


Figure. Kyocera's KGM03 series, measuring just 0.6 mm x 0.3 mm, is one of the most widely used MLCCs in smartphones and wearable devices, says the vendor. Compared to Kyocera's previous components, the new 0201 MLCCs deliver an approximately twofold increase in capacitance, the highest in the industry for an 0201 case size, according to the vendor.