

Abstracts

Multilayer LTCC bandpass filter design with enhanced stopband characteristics

Wing-Yan Leung, K.-K.M. Cheng and Ke-Li Wu. "Multilayer LTCC bandpass filter design with enhanced stopband characteristics." *2002 Microwave and Wireless Components Letters* 12.7 (Jul. 2002 [MWCL]): 240-242.

Lumped-element bandpass filter structures with enhanced stopband rejection targeted for low temperature co-fired ceramic (LTCC) implementation are proposed. Design equation formulations that take into account the effect of the transmission zeros are presented. For demonstration, RF filters operating at 2.4 GHz are fabricated and characterized. Both simulation and measurement results are shown for comparison.

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