

Press Release

For Release December 6, 2007

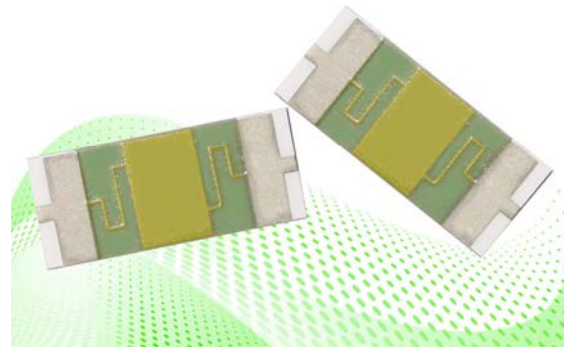
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IMS Introduces New S-Band 2.5 GHZ Low Pass SMT Filter for RF and Microwave Applications

Portsmouth, Rhode Island, USA – IMS announces the introduction of its new IMF2293 “S” Band, planar, surface mountable low pass filter. This filter is low-profile, compact, and reliable, an ideal surface mountable solution for RF / Microwave circuit design engineers.

Dimensions for this high-performing thick film filter are .442” X .184” X .030” thick.

The passband is up to 2500 MHZ with a passband ripple of .01 dB. Second and third harmonic rejection is a minimum of 25 dB with 0.4dB or better insertion loss. The VSWR for the filter is a ratio of 1.1:1. These filters have been successfully tested to input power levels exceeding 20W. Examples of applications include wireless local area networks, microwave communication links, radar systems, and wireless sensors and controls. The filter incorporates 5 sections with a 50 Ohm input and output.



IMS manufactures quality thick film chip resistors, both standard and custom for applications ranging from automotive sensors to high frequency microwave transceivers, and medical equipment. IMS has been supplying the electronics industry with the highest quality thick and thin film chip resistors and chip attenuators since 1974. For more information, visit www.ims-resistors.com, or contact the company at 50 Schoolhouse Lane, Portsmouth, R.I., 02871 USA, Tel. 401-683-9700, FAX 401-683-5571, e-mail: sales@ims-resistors.com.

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