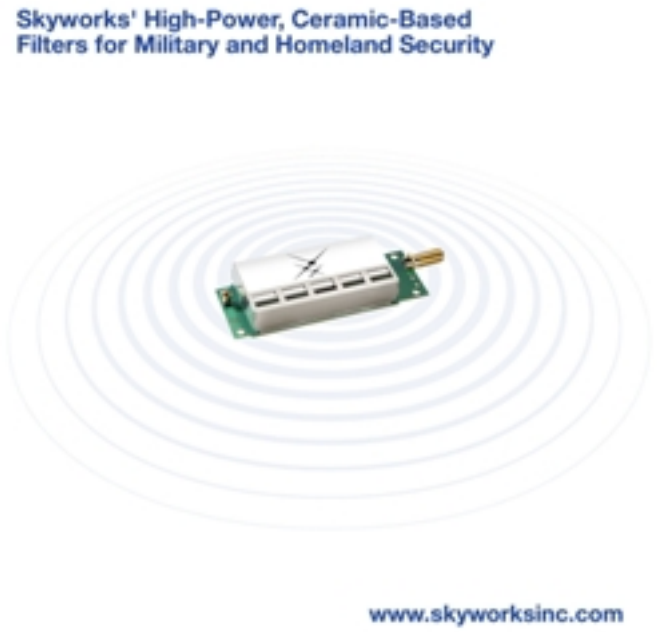
Skyworks High-Power, Ceramic-Based Filters Serve Military and Homeland Security Markets



Skyworks Solutions introduced connectorized, high power filters for military, homeland security, airborne and high-end commercial transceiver applications. These smaller, lighter and more portable solutions offer customers significant design benefits and flexibility when compared to the more traditional and much larger metallic-cavity filters. In addition, Skyworks' designs offer less overall dimensions, resulting in significant space savings where high power filtering is a requirement.

"Skyworks' is excited to once again be at the forefront of technology development," said Mark Wolf, general manager of Skyworks' Trans-Tech division. "Our new filters exceed the power handling of traditional ceramic designs and more than meet critical demands from the military, homeland security and commercial markets."

The combined U.S. market for homeland security products and services – purchased by federal, state and local governments, the intelligence community and the private sector – will increase from $69 billion in 2010 to $84 billion in 2014, representing a compounded annual growth rate of 5.1 percent, according to the Homeland Security Research Corporation report. State and local spending ranks first with 23.7 percent of the overall market, while the U.S. Defense Department ranks second with 22.5 percent and the Department of Homeland Security ranks third with 18.3 percent of total spending.

About Skyworks' Ceramic-Based Filters
The new surface mount technology filters are available from 50 to 100 watts in a 12 and 20 millimeter coaxial resonator design. In addition, the filters offer ultra high

frequency up to 2100 megahertz.

Pricing and Availability
Skyworks' new high power filters are currently available. For pricing please contact sales@skyworksinc.com [1].

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Links:
[1] mailto:sales@skyworksinc.com