

Channel Talk

FROM LAIRD PERFORMANCE MATERIALS

August 2019

SERVING YOU

Exciting new products, added training and more frequent and in-depth dialogue with you have produced a fulfilling past several months. Let's sustain our momentum together. Call or write anytime, ask to see a Laird facility and be sure to read more here about our support tools — for you!

FABRIC PLATING BREAKTHROUGH



Teaming with Statex, we now allow selective plating and high electrical conductivity onto both sides of knitted fabrics.

An electrically conductive pattern and circuit is created onto a flexible fabric substrate. Uses range from wearable products and medical devices to military/aerospace and automotive. See the [news article](#). Review the technical [datasheet](#).

MEDICAL DEVICES: THE HUGE HURDLES

Medical device designers face a regulatory environment unlike any other. In an article, Laird suggests adopting a holistic, system-based approach. Assessing various components within the context of the larger system – early in the process and before the board is fully laid out – is key in resolving EMI, thermal and precision and structural metal implementation challenges. [Read the article](#). Share it too.



GAP FILLER EASES STRESS, SHOCK



Tflex™ B200 offers 2W/mK thermal conductivity and easier handling. Importantly, its softness relieves mechanical stress. Tflex™ B200 helps absorb shock resulting in improved device reliability. It has high dielectric insulation better protecting against dielectric breakdown in or between devices. Tflex™ B200MFG, an option featuring fiberglass in the middle, has strong tensile. Tflex™ B200FG, another option, has fiberglass enforcement near one side, offering still higher deflection. Learn more [here](#).

NO AIR GAPS. EVER.

Our robust, high current AEC-Q200-passed molded inductor line is used the world over to replace conventional inductors which are often prone to failure. Low cost, lightweight, pressed core material in a compact size creates zero air gaps and blocks noise intrusion, helping achieve greater inductance and current with less overall volume, all in a frequency range up to 5Mhz. See the full [overview](#).



HYBRID ABSORBER UPDATES

Our line resolves your customers' EMI compliance and thermal management issues using just one space-saving solution. See how our soft CoolZorb – and our Kzorb hybrid dielectric absorber system – provide various levels of thermal conductivity. Both act as a board level shield without the tooling investment, come in custom shapes, offer good attenuation and operate from -40°C to 175°C. Read much more in our [technical updates](#).



ORDER YOUR ABSORBER KIT



Place your request today for our attractively packaged RF/Microwave absorber kit. In it, you will find product samples your teams can show and discuss every day. Learn functions, operating frequencies, part numbers, benefits and common applications. Review our datasheets then click on [Request Sample](#).

SRR SYSTEM

Automotive short-range radar (SRR) are radar systems detecting possible impacts. Learn more [here](#).

