Channel Talk

OCTOBER 2022

SERVING YOU

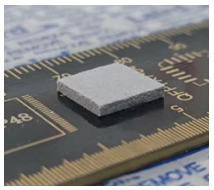
As our global channel partner, you have a deep understanding of what it takes to deliver products that are on time and meet the highest expectations for long-term quality performance. Those attributes reflect channel goals of Laird Performance Materials as well. You and we continue navigating myriad pressures: Inflation. Transportation hurdles. Labor shortages and more. Our channel network is an extremely valuable listening post for customer comments. Laird seeks to listen, learn, respond to, and gain momentum as well. Together we are overcoming challenging, complex market conditions. Let's strive to upgrade our performance even more as we enter 2022's final quarter, setting the goal of building an even stronger foundation to succeed in the new year. Write or phone us at any time. And be sure to review new Laird™ products and expanded capabilities highlighted here. Channel Talk is our bi-monthly outreach dedicated to your success.

Laird™
A DuPont Business

HIGH FREQUENCY APPS? HERE'S THE 2-IN-1 ANSWER.

Breaking new ground, Laird has launched an innovative dispensable hybrid material offering two solutions for higher-frequency applications. Use it in automotive radars, aerospace and defense communications equipment, WI-FI routers, and more. Laird™ Coolzorb™ D 3 W/1K is a one-part dispensable thermal interface material ensuring long-term reliable dispensing performance, even in vertical applications. It delivers a high flow rate, exhibits low outgassing, ensures high attenuation at frequencies greater than 20 GHz, and has low density. With 3.5 W/mK thermal conductivity and effective EMI suppression over a wide range of frequencies, Coolzorb™ D 3 W/1K eliminates the need for costly and time-consuming manual application. It's the ideal answer for high-volume production needs. Order your samples here.

SOFT SOLUTION, HIGH DEFLECTION



The new Laird™ Tflex™ HD7.5 is the soft, compliant silicone-based gap filler material in our expanding high deflection series. With a thermal conductivity of 7.5W/mk, Tflex HD7.5 is designed to provide superior pressure versus deflection characteristics, especially for smaller, sensitive components. The material comes in thicknesses from 1mm to 5mm. It exerts only minimal stress on components during application while maintaining low thermal resistance. The result is less mechanical thermal stress experienced within devices. Moreover, low outgassing and little to no oil bleed are welcomed by design engineers seeking heat transfer solutions for telecom, datacom, consumer electronics, and industrial applications. Order samples here.

NEW DESIGNS FOR THE DATA CENTER

In our special-focus website page, you can examine Laird's vast experience in data centers and the product portfolio now offered. It's one of the widest ranges of EMI suppression and thermal interface management materials on the market. Enabling and improving signal integrity and power transmission is the objective in the face of soaring data rates, frequencies and power densities. Router signal interference is addressed, along with many other design challenges facing optical transceivers, SSD, NIC, 4G accelerator cards, and backplane. Advancements in pluggables and connectors generate still more unanticipated EMI-related design complications. Likewise, transferring heat is a mounting data center challenge. Laird responds with the highest thermal conductivity solutions and pump-out resistant thermal materials available. Read more about answers Laird provides for data centers.

PROTECTION THAT'S PROVING VITAL

Showcasing DuPont™ Kapton® and how it along with Laird's precision board level shields can help ensure reliable device performance, a new case study examines an automated external defibrillator manufacturer. Exposed to all types of conditions and called upon in every environment, AEDs used by emergency medical professionals – and everyday heroes – must perform flawlessly. To suppress stray EMI, lessen potential damage caused by accidental drops, and meet strict medical device requirements, the manufacturer turned to Laird™ lead-free, RoHS-compliant metal shields. Safeguarding the AED power module circuitry from extreme heat and cold, shock, and potential damage caused by drops is Kapton polyimide film adhered to the underside of the custom-designed shields. Read the full story.

CONVENIENT NEW LAIRD FOLDER

Laird summarizes the full product portfolio in a newly updated, pocket-sized folder available now. Our thermal and power, electromagnetic, and integrated solutions product lines are profiled. It's a brief look into the people, processes, technologies and product innovations helping Laird maintain a global reputation for partnering with design teams and successfully overcoming performance roadblocks. See the digital version here, pass along the link, and order print copies now.