



## ➤ PRODUCT BULLETIN

# Edgetek™ 3D/LDS Solutions

Edgetek™ 3D/LDS Solutions are the advanced technologies to help customers to build 3D circuits on molded part surfaces with fewer processing steps, shorter lead times and lower production costs. The new Edgetek materials solutions can be widely applied in a range of key industries including 5G base stations, medical devices, consumer electronics and more.

Edgetek 3D/LDS Solutions can be formulated in PC, LCP, PPS and be customized to meet customers' specific needs. The material solutions offer high design flexibility, multi-function integration, size miniaturization and weight reduction to meet demanding manufacturing requirements without compromising production efficiency and cost.

The 3D/LDS Edgetek formulations help advanced electronic component manufacturers to miniaturize mechanical and electrical systems for smaller end products, even in high heat manufacturing process, such as Surface-Mounted Technology (SMT), and are commonly used in industries like electronics, automotive and the 5G sector and

related infrastructure. This technology also provides the opportunity to support future applications to enhance the communication quality for 5G construction.

### KEY CHARACTERISTICS

- Increased design flexibility
- Integration of various functionalities
- Miniaturization and weight reduction
- Reduced initial part cost and production cost
- Simplified processes
- Shorter assembly times
- Commercially available in Asia

### MARKET AND APPLICATIONS

Edgetek 3D/LDS Solutions can be widely used in markets and applications with high requirements including:

- Consumer electronics
- Healthcare
- Automotive
- Communication

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