

Integrated Power Supply Injection Molding



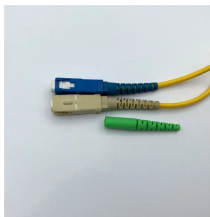
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Our power module portfolio covers a wide range of voltage classes, current ratings, and topologies, so virtually any application can benefit from the outstanding performance, efficiency, and longevity ...



The paper also details how treating integrated devices as power supply modules instead of co-packaged components significantly improves the system performance and long-term reliability, and reduces the ...



This guide helps identify suitable epoxy molding compounds for power modules based on package family, voltage class, thermal load, wire configuration, leadframe interface, moldability, and reliability ...



Precision injection molding for power distribution and electrical infrastructure. We manufacture circuit breaker housings, bus bar supports, and insulators using high-performance dielectric materials.



To understand how engineers apply injection molded electronics in smart surfaces, consider the development of an automotive climate control panel, beginning at concept and ...



Generic power supply devices serve to supply electrical energy to most electrical drive systems of the injection moulding machine—for example clamping drives and injection drives. They...



The magnetic packaging technology includes an integrated power inductor with proprietary, newly engineered material. As a result, engineers can now achieve best-in-class power ...



We specialize in electronic overmolding, seamlessly combining molded plastics with PCBs, wire harnesses, and flex circuits. This integration protects sensitive components from moisture, ...



Within this paper, a smart power module for a maritime logistic application is described as a reference application that is integrating power and control logic inside a lead frame based molded package.



Abstract—This paper presents an integrated power module with the features of high power density and high efficiency. A multifunc-tional integrated magnetic component is designed. The component has ...

Contact Us

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