

Metal Matrix Composite

AlSiC (Aluminum Silicon Carbide) substrates are ideal for power supply substrate applications, including carrier plates and heatsink materials for medical equipment power supplies. Applications include electronic detectors in NMRI and MRI systems and high RPM elements in CT scanners. AlSiC metal matrix composite offers high strength and stiffness and low density, making it ideal for electronic packaging applications that are weight sensitive, require low inertial response, or are tolerant to high vibration.

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<http://www.mdtmag.com/product-releases/2004/09/metal-matrix-composite>