Evans GROUP
PAKTRON

Multilayer Polymer (MLP) Film

Paktron is a pioneer in capacitor technology, known for its stacked, multilayer polymer (MLP) film construction. This advanced architecture delivers key advantages over conventional wound film capacitors—offering robust mechanical performance, stable electrical characteristics, and high reliability in demanding environments. Paktron MLP film capacitors can also be an attractive alternative to ceramic capacitors in mission-critical designs where cracking risk, board flex, shock/vibration, and long-term stability are primary concerns.

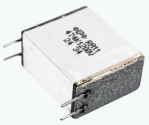
AEC-Q200 options available.

Features

- Low ESR/ESL + higher-frequency operation enabled by stacked MLP architecture
- High ripple current capability with improved heat dissipation
- Stable capacitance: zero DC-bias derating, long-life performance
- Wide operating temp: -55°C to +125°C with stable parameters
- Mechanically resilient construction for demanding environments

Applications

- Wide bandgap power conversion and switching
- DC Link / voltage smoothing
- Snubber networks
- EMI filtering
- VPX / embedded power systems
- Pulse / ignition



Angstor

- 0.10µF – 10µF
- 100VDC – 1200VDC
- 7.7mm – 15mm lead spacing

Quencharc RC-Snubber

- 200VDC – 1600VDC
- Up to 2W power ratings
- UL/CSA versions available

Surfilm

- 1.0µF – 2.2µF
- 100VDC / 80VAC
- Non-polarized
- Chip style (ST2824/ ST3827) or lead-frame style (ST3/ST4)
- Reflow Solderable

Capstick

- 0.33µF – 42µF
- 50VDC – 1200VDC
- 10mm – 15mm lead spacing
- SMD versions available

New High Voltage MLP

- <2µF typical values available
- 1000VDC – 1200VDC
- 27.5mm lead spacing
- SMD and thru-hole options

US-based manufacturer

Evans GROUP **Trusted Brands. Single Source. Hi-Rel Capacitors for Mission Critical Systems.**

Uniting four industry leaders—Evans, Paktron, UTC, and Eulex—Evans Group delivers the industry's most specialized and comprehensive capacitor portfolio. Together, we provide power-dense, high-reliability solutions engineered for mission-critical environments across defense, aerospace, energy, and advanced RF systems.

Paktron
1205 McConville Road
Lynchburg, VA 24502, USA

+1 434.239.6941
paktron@evans-group.com
www.evans-group.com