

PPC Series 1mm-Thin Aluminum Polymer Capacitors

*Large capacitance with
high-ripple current ratings*

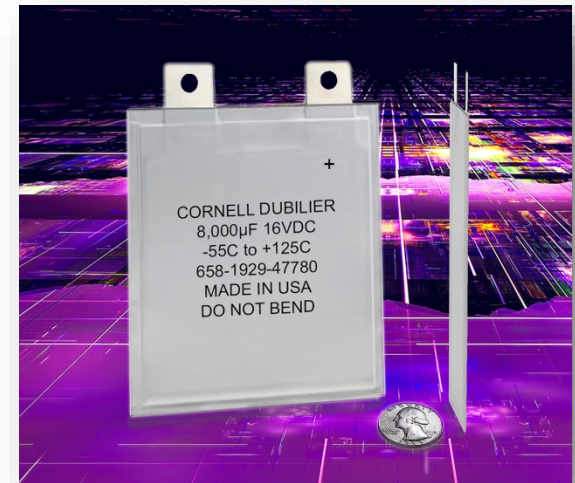


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ENERGIZING IDEAS

PPC Series Capacitors...1mm-thin conductive polymer aluminum with high- ripple current, large capacitance values

- For applications requiring high-ripple current and the thinnest possible profile
- Opens up new product design options for thinner, high power designs
- Can replace larger cylindrical aluminum electrolytics or large arrays of SMT capacitors
- Choose capacitance values from 8,000 μ F to 20,000 μ F from 6.3 to 24 WVDC
- 2,000 hr. life @ 125 °C



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Ultra-flat design with ripple-current ratings of a larger capacitor

- A 1mm thin PPC capacitor has the same rated ripple current as a much larger cylindrical capacitor!
- Both capacitors on the right can handle 54Arms of ripple current @ 45 °C, 20kHz, but the PPC is 6% of the volume

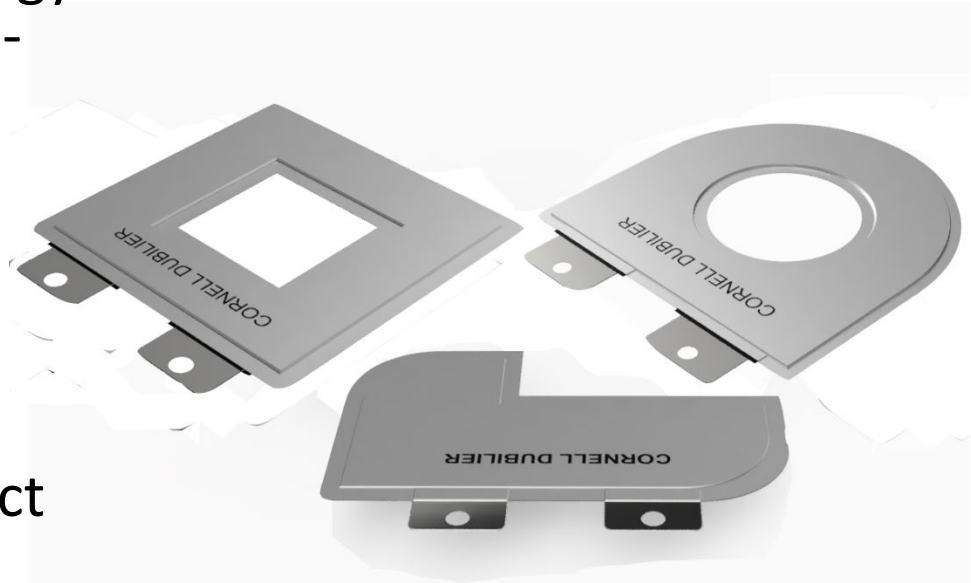


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Keys to performance...

- Versatile packaging technology allows capacitors to be ultra-flat, without space-wasting end-seal gaskets
- Custom values, shapes and sizes are available space for best space utilization
- Single component replaces many, increasing end-product reliability
- Easily mounted with 3M double sided VHB tape
- REACH & RoHS compliant

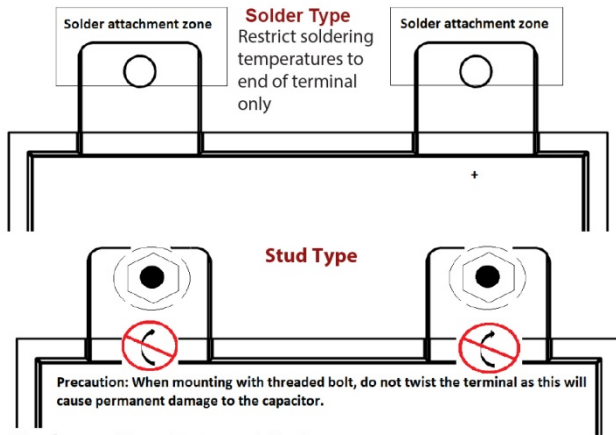


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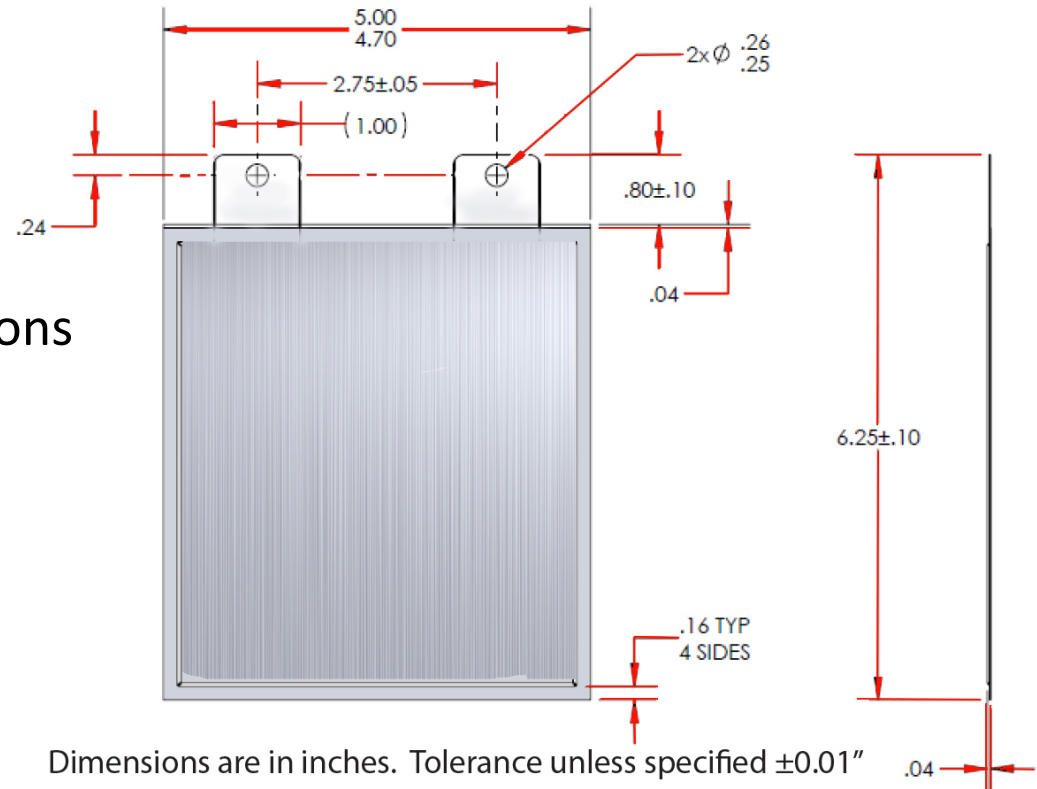
ENERGIZING IDEAS

Mechanical design characteristics.

- About 5 x 5.5 x 0.04 inches
- Durable & lightweight
- 100G shock tested, 10G Pk for vibration
- Tin-plated copper terminals
- Multiple terminal configurations available



Hardware: M6 \approx 1/4-20 stud / bolt
Copper flat washer, M6 washer with 12 mm (0.472") OD

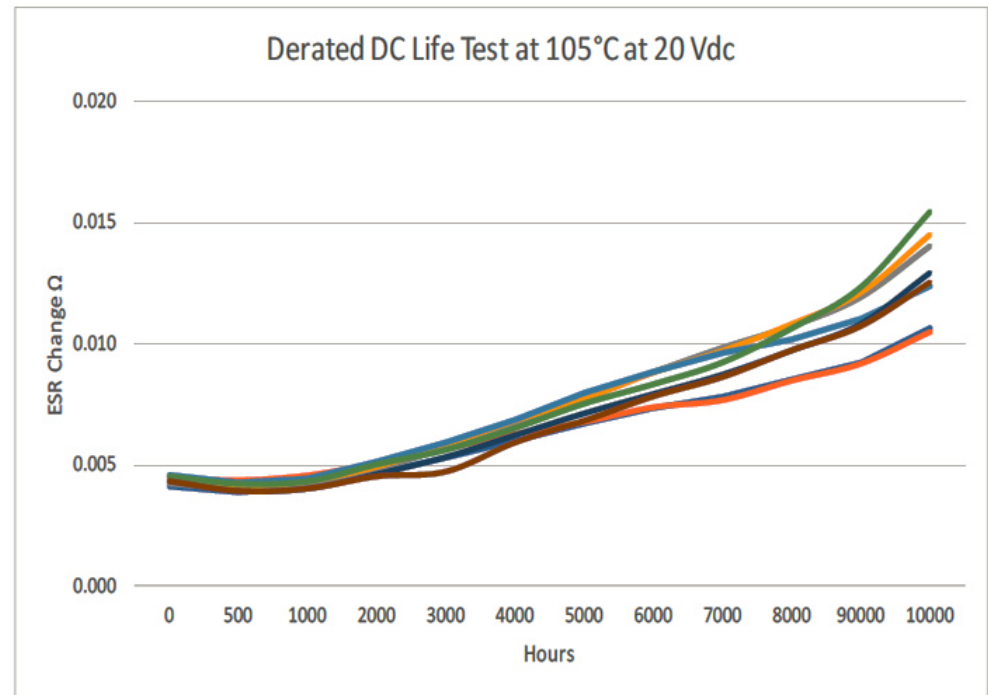


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PPC Series offers multiple voltage combinations and deratings.

- Capacitance from 8,000 μ F@16Vdc to 20,000 μ F@6.3Vdc
- 2,000 hr. life@125 °C, can be de-rated to 10,000 hr. life@105 °C
- Excellent capacitance retention over full operating temperature

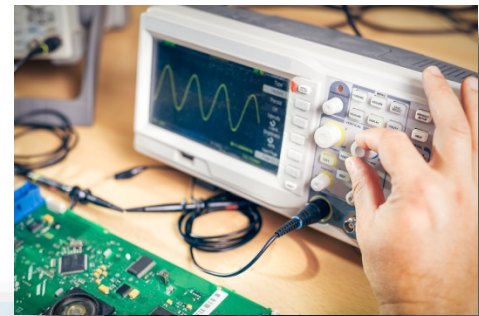


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For applications requiring high-ripple current, large capacitance values

Create thinner, higher performance products...

- Compact DC/DC Converters
- Thin Displays
- Compact Industrial Power Conversion Equipment
- Welding



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CDE PPC Series Summary

- Just 1mm thin
- For applications requiring high-ripple current and the thinnest possible profile
- Opens up new product design options for thinner, high power devices
- Can replace larger cylindrical electrolytics or large arrays of SMT capacitors
- Choose capacitance values from 8,000 μ F to 20,000 μ F from 6.3 to 24 WVDC
- 2,000 hr. life @ 125 °C or 10,000 hours at @ 105 °C
- Available in custom sizes and shapes



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