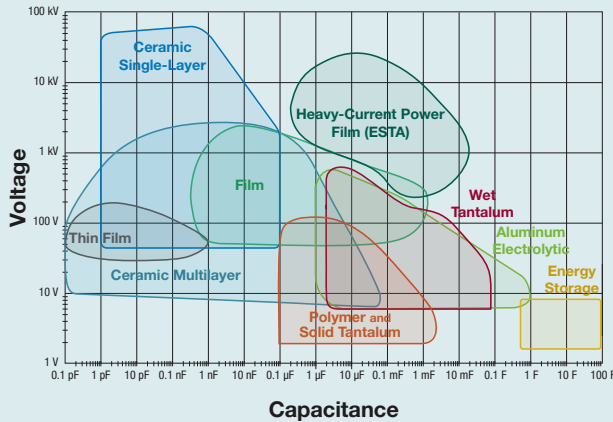




# POWER ELECTRONIC CAPACITORS

## HIGH RELIABILITY AND LIFETIME

### VISHAY CAP MAP



### FEATURES

- High impulse current rating
- Low inductance
- High reliability and lifetime expectation
- Resistance to heavy duty shock vibration
- Non-polar dielectric
- Dry resin filled
- Made for busbar connections
- Weight-reducing, flame-retardant plastic case



INDUSTRIAL



WIND  
TURBINES



TRANSPORTATION

### STANDARDS

IEC 61071, IEC 61881-1



### VOLTAGE DC

- 450 V<sub>DC</sub> to 3800 V<sub>DC</sub>



### CAPACITANCE

- 110 μF to 8000 μF



### LIFE EXPECTANCY

- < 200 FIT
- > 100 kh at U<sub>NDC</sub> / 70 °C T<sub>hotspot</sub>



### FILLING AGENT

- ESTAdry resin



### CASE MATERIAL

- Plastic casing UL 94 V-0

### SAFETY

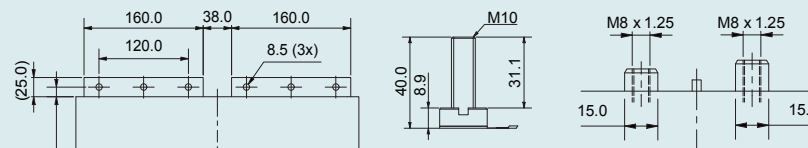
- Self-healing film
- Segmented film

### OPTIONS

CUSTOMIZABLE

### CONNECTION

Busbar or Bolt or Insert



For technical questions: [esta@vishay.com](mailto:esta@vishay.com)

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### APPLICATIONS

- DC-Link capacitors
- Static converters for transportation:
  - Heavy haul locomotives
  - Light local trains
  - Trolley buses
  - Trams / streetcars
- Industrial converters
- DC supply equipment
- High voltage testing systems
- Impulse discharge energy
- Harmonic filtering