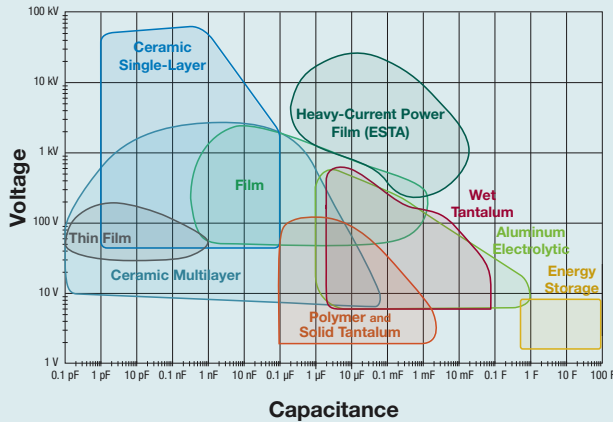




POWER ELECTRONIC CAPACITORS

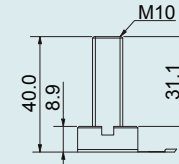
HIGH RELIABILITY AND LIFETIME

VISHAY CAP MAP

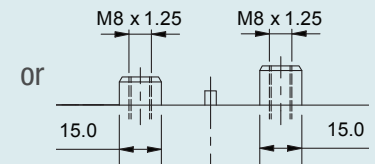


CONNECTION

Bolt



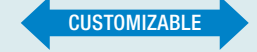
Insert



SAFETY

- Self-healing film
- Segmented film

OPTIONS



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



INDUSTRIAL



WIND
TURBINES



TRANSPORTATION

STANDARDS

IEC 61071, IEC 61881-1



VOLTAGE DC

- 450 V_{DC} to 3500 V_{DC}



CAPACITANCE

- 110 μF to 3000 μF



LIFE EXPECTANCY

- < 200 FIT
- > 100 kh at U_{NDC} / 70 °C T_{hotspot}



FILLING AGENT

- ESTAdry resin



CASE MATERIAL

- Plastic casing
UL 94 V-0

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

For technical questions: esta@vishay.com

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