



Lumi-Con Series

- Replaces old glass capacitors
- High self resonance frequency
- Compact and rugged design

Ceramic envelope replaces glass envelopes and allows higher terminal and mechanical loads – High self resonance frequency – Compact and rugged design – Low torque – Integrated flanges for an easy installation – Widely used in different semiconductor applications – Optional antimagnetic lead screws available for research or medical applications like nuclear MR imaging systems.

Capacitance / Voltage

- 500 pF / 5 kV
- 250 pF / 5 kV
- 100 pF / 15 kV

Features:

Capacitance (Cmax)	100 pF to 500 pF
Voltage (peak test)	5 kV to 15 kV
Current (rms max)	45 A to 58 A
Diameter	55 mm
Overall length	104 mm to 123 mm
Inductance (at Cmax)	≤ 7 nH

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Lumi-Con Series

Integrated Flange

Block	Electrical Parameters				
	C_{min} pF	C_{max} pF	V_{max} kV _{pt}	I_{max} at 13.56 MHz A _{rms}	Inductance at C_{max}
CVLU-100A	5	100	15	54	Typical Value ≤ 7 nH
CVLU-250A	4	250	5	45	

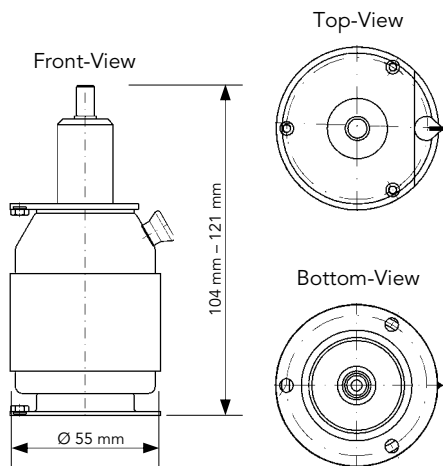


Flange Mount

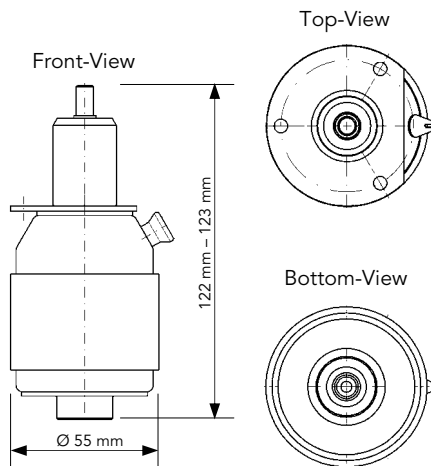
Block	Electrical Parameters				
	C_{min} pF	C_{max} pF	V_{max} kV _{pt}	I_{max} at 13.56 MHz A _{rms}	Inductance at C_{max}
CVLU-500A	5	500	5	58	Value ≤ 7 nH

Outline Drawings

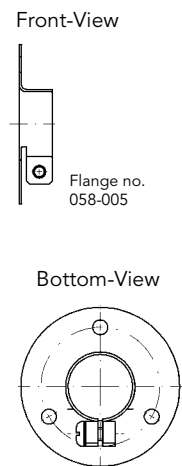
Integrated Flange



Flange Mount



Flanges



The information in this catalogue are not be used for design purposes. For detailed information refer to the individual data sheet, available on our website www.comet.ch or from your local representative.

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