



## Vitra-Con Series

- Replaces old glass capacitors
- Very long life time
- Higher capacitance values

Ceramic envelop replaces glass envelops and allows higher terminal and mechanical loads – Most units are electrically and mechanically compatible and interchangeable – Very long life time because of special bellows and lead screws – Low torque allows for very high tuning speed – Additional mounting flanges necessary – Mostly used in different semiconductor applications.

### Capacitance / Voltage

- 1500 pF / 5 kV
- 1000 pF / 5 kV

### Features:

**Capacitance** (Cmax) 1000 pF to 1500 pF

**Voltage** (peak test) 5 kV

**Current** (rms max) 59 A to 80 A

**Diameter** 72 mm

**Overall length** 190 mm to 193 mm

**Inductance** (at Cmax)  $\leq 10$  nH

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# Vitra-Con Series

## Integrated Flange

| Block      | Electrical Parameters |                 |                               |                                            |                            |
|------------|-----------------------|-----------------|-------------------------------|--------------------------------------------|----------------------------|
|            | $C_{min}$<br>pF       | $C_{max}$<br>pF | $V_{max}$<br>kV <sub>pt</sub> | $I_{max}$ at 13.56 MHz<br>A <sub>rms</sub> | Inductance<br>at $C_{max}$ |
| CVVI-1000A | 7                     | 1000            | 5                             | 80                                         | Value $\leq 10$ nH         |



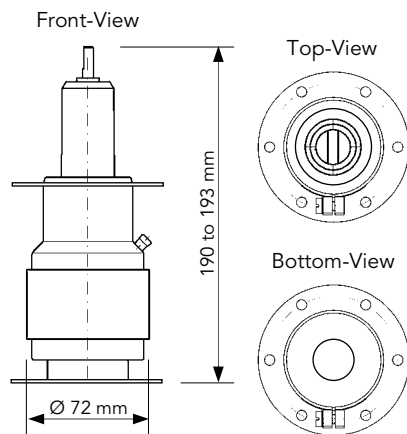
## Flange Mount

| Block      | Electrical Parameters |                 |                               |                                            |                               |
|------------|-----------------------|-----------------|-------------------------------|--------------------------------------------|-------------------------------|
|            | $C_{min}$<br>pF       | $C_{max}$<br>pF | $V_{max}$<br>kV <sub>pt</sub> | $I_{max}$ at 13.56 MHz<br>A <sub>rms</sub> | Inductance<br>at $C_{max}$    |
| CVVI-1000A | 7                     | 1000            | 5                             | 80                                         | Typical Value<br>$\leq 10$ nH |
| CVVI-1500A | 10                    | 1500            | 5                             | 72                                         |                               |
| CVVI-1500B | 10                    | 1500            | 5                             | 59                                         |                               |

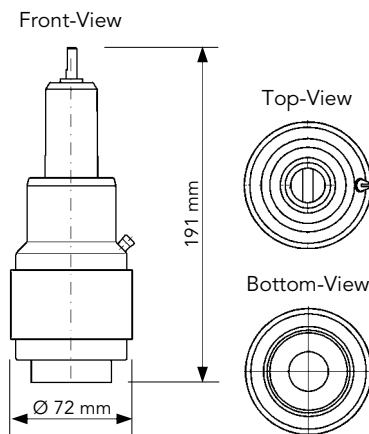


## Outline Drawings

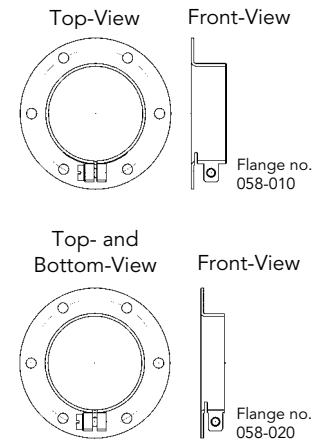
### Integrated Flange



### 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](http://www.comet.ch) or from your local representative.

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