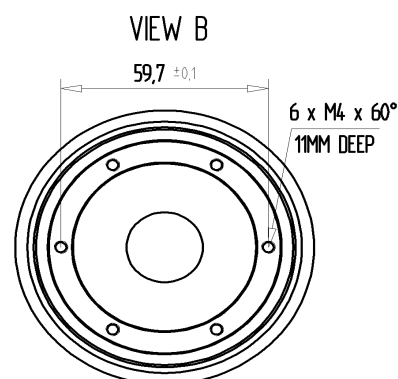
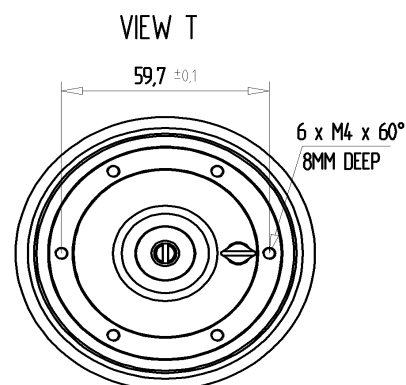
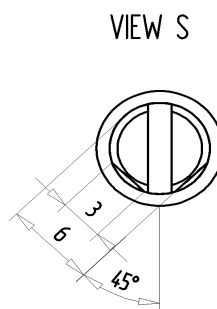
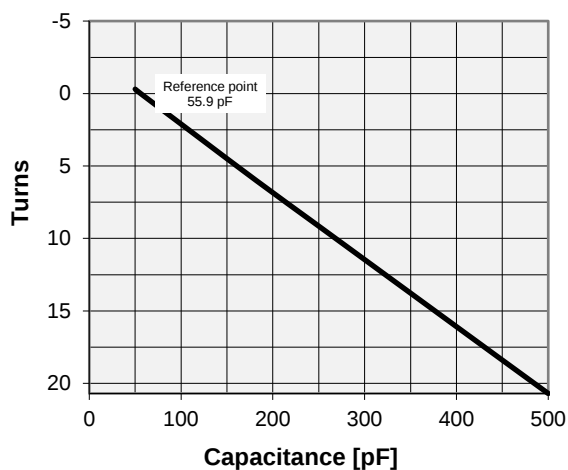


CVPO-500BC/15-BECA

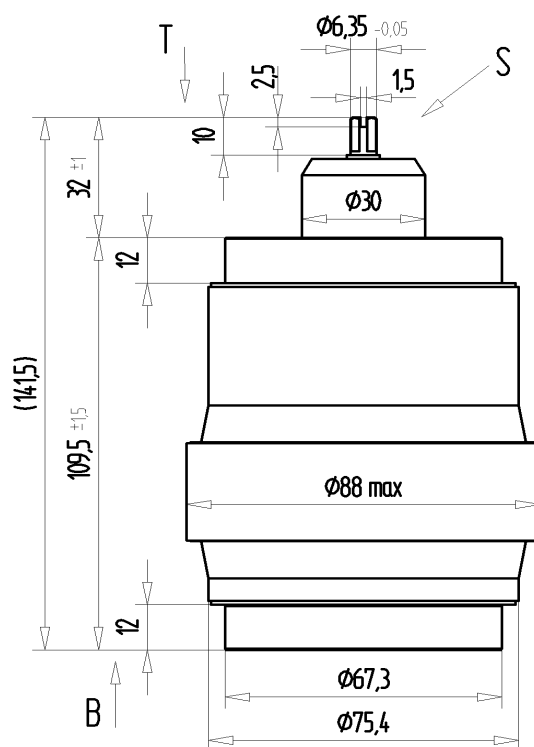
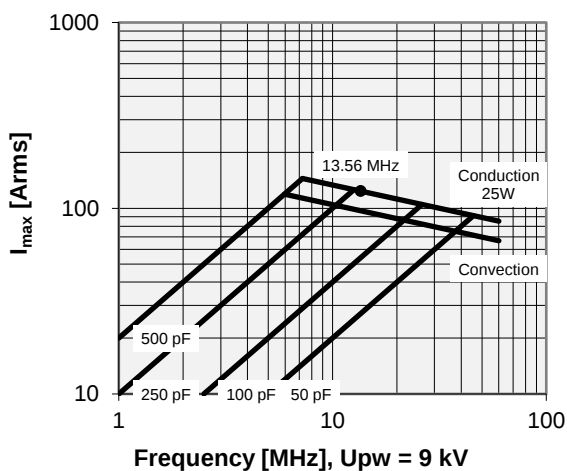
Old Type Designation: CV1C-500ZMN

Specifications

Capacity $C_{\max}$ (nominal)	500 pF
Capacity $C_{\min}$ (nominal)	50 pF
Voltage (Peak Test U_{pt} / Peak Working U_{pw})	15 kV / 9 kV
Capacity Tolerance (linear Range)	10%
Max. Current $I_{\max}$ at 13.56 MHz with	123 Arms
Conduction Cooling	25 W
Self Inductance	≤ 6 nH
Capacitance per turn	21.5 pF/turn
Torque	≤ 0.4 Nm
Net Weight	1.4 kg



$I_{\max}$ at 25°C ambient and 125°C surface temp. for convection and conduction (25 W) cooling



Note:

Technical information in Service Bulletin

SB-52 must be considered

Subject to change without prior notice

CVPO-500BC/15-BECA

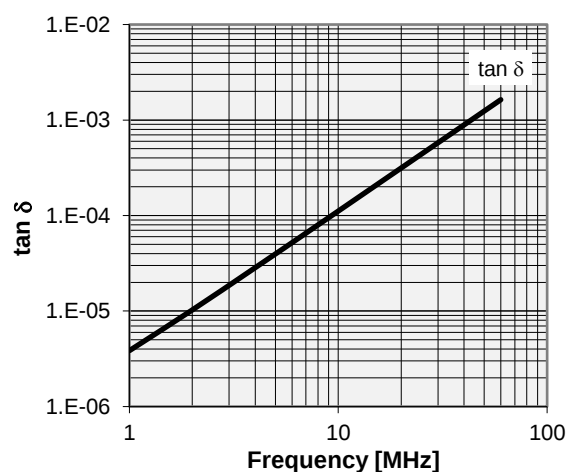
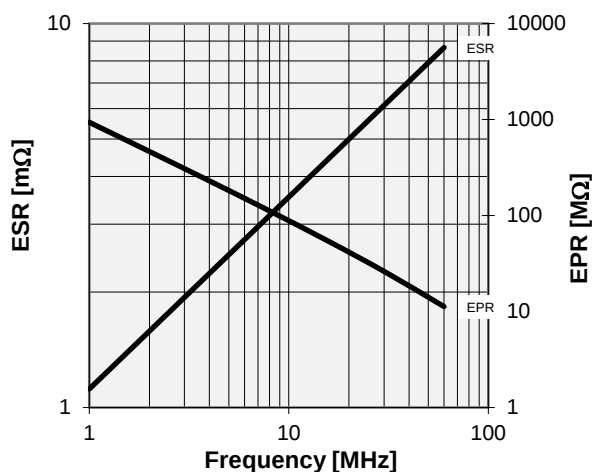
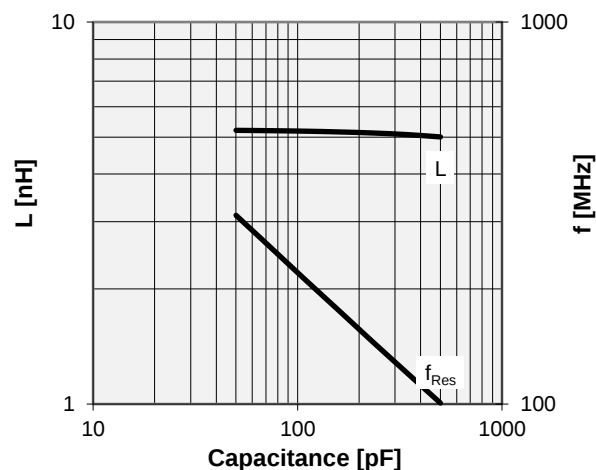
Old Type Designation: CV1C-500ZMN

Turns	Nominal Capacitance [pF]	Tolerance
-0.3	50.0	10%
0.0	55.9	0%
3.0	118.7	10%
6.0	181.8	10%
9.0	246.7	10%
12.0	311.6	10%
15.0	376.5	10%
18.0	441.4	10%
20.7	500.0	10%

Mechanical stop at < 50 pF at ~ -0.9 turns

Mechanical stop at > 500 pF at ~ 20.9 turns

Self inductance and resonance frequency



Type Ordering Information:	Upt
CVPO-500BC/15-BECA	15 kV
CVPO-500BC/10-BECA	10 kV
CVPO-500BC/7.5-BECA	7.5 kV

Note:

Technical information in Service Bulletin

SB-52 must be considered

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