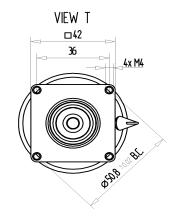
Data-Sheet - Variable Vacuum Capacitor - Uni-Con Series

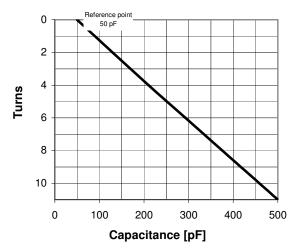


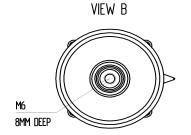
CVUN-500AC/5-BAJA

Old Type Designation: CV05C-500UC

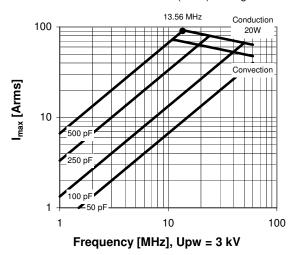
Specifications	
Capacity C _{max} (nominal)	500 pF
Capacity C _{min} (nominal)	50 pF
Voltage (Peak Test U _{pt} / Peak Working U _{pw})	5 kV / 3 kV
Capacity Tolerance (linear Range)	10%
Max. Current Imax at 13.56 MHz with	90 Arms
Conduction Cooling	20 W
Self Inductance	≤ 8 nH
Capacitance per turn	40.9 pF/turn
Torque	≤ 0.2 Nm
Net Weight	0.5 kg

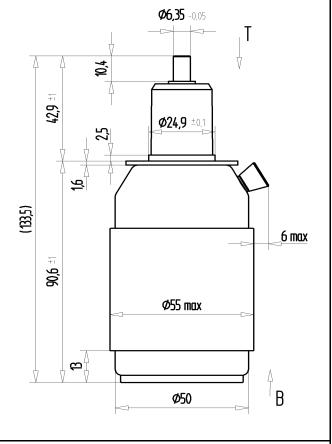






Imax at 25 °C ambient and 125 °C surface temp. for convection and conduction (20 W) cooling



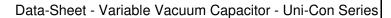


Note: Technical information in Service Bulletin

SB-52 must be considered

Page 1 / 2

Replaces: 09-Jun-2005





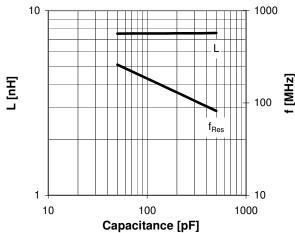
CVUN-500AC/5-BAJA

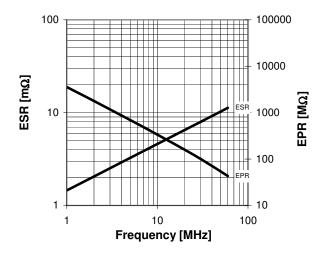
Old Type Designation: CV05C-500UC

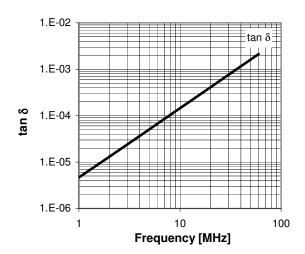
Turns	Nominal Capacitance [pF]	Tolerance
0.0	50.0	0%
2.0	129.1	10%
4.0	210.0	10%
6.0	292.8	10%
8.0	375.6	10%
11.0	500.0	10%

Mechanical stop at < 50 pF at \sim -0.5 turns Mechanical stop at > 500 pF at \sim 11.2 turns

Self inductance and resonance frequency







Note: Technical information in Service Bulletin Issue: 26-Jun-2006 SB-52 must be considered Page 2 / 2 Replaces: 09-Jun-2005