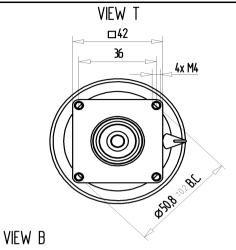
Data-Sheet - Variable Vacuum Capacitor - Uni-Con Series



CVUN-500BC/12-BAJA

Old Type Designation: CV1C-500UC

Specifications		
Capacity C _{max} (nominal)	500 pF	
Capacity C _{min} (nominal)	50 pF	
Voltage (Peak Test U _{pt} / Peak Working U _{pw})	12 kV / 7.2 kV	
Capacity Tolerance (linear Range)	10%	
Max. Current Imax at 13.56 MHz with	94 Arms	
Conduction Cooling	20 W	
Self Inductance	≤ 10 nH	
Capacitance per turn	42.1 pF/turn	
Torque	≤ 0.2 Nm	
Net Weight	0.65 kg	
Mounting Kit (optional)	20034658	

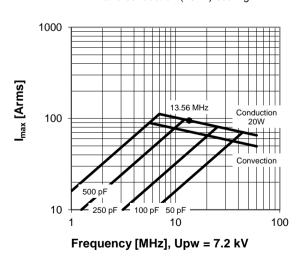


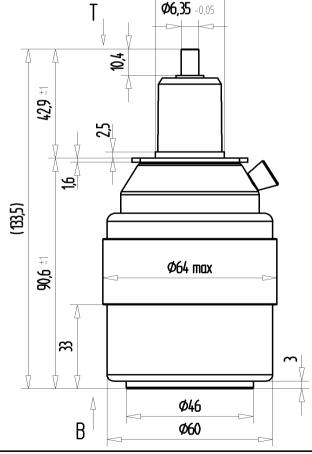
Ø24,9 ±0,1

Reference point 50 pF 4 6 8 10 10 200 300 400 500 Capacitance [pF]

M6 8MM DEEP

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

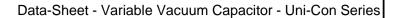




Note: Technical information in Service Bulletin SB-52 must be considered

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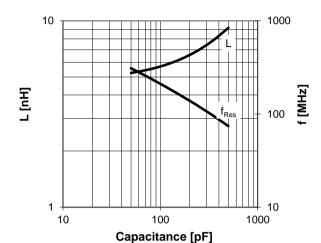
CVUN-500BC/12-BAJA

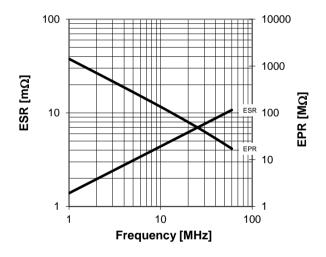
Self inductance and resonance frequency

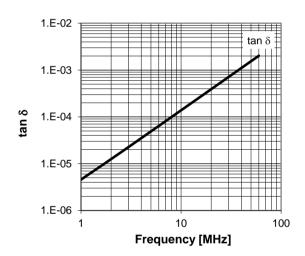
Old Type Designation: CV1C-500UC

Turns	Nominal Capacitance [pF]	Tolerance
0.0	50.0	0%
2.0	132.6	10%
4.0	215.8	10%
6.0	300.1	10%
8.0	384.3	10%
10.7	500.0	10%

Mechanical stop at < 50 pF at ~ -1 turns Mechanical stop at > 500 pF at ~ 10.9 turns







Note: Technical information in Service Bulletin Issue: 20-Apr-2015 SB-52 must be considered Page 2 / 2 Replaces: 30-Jun-2006