

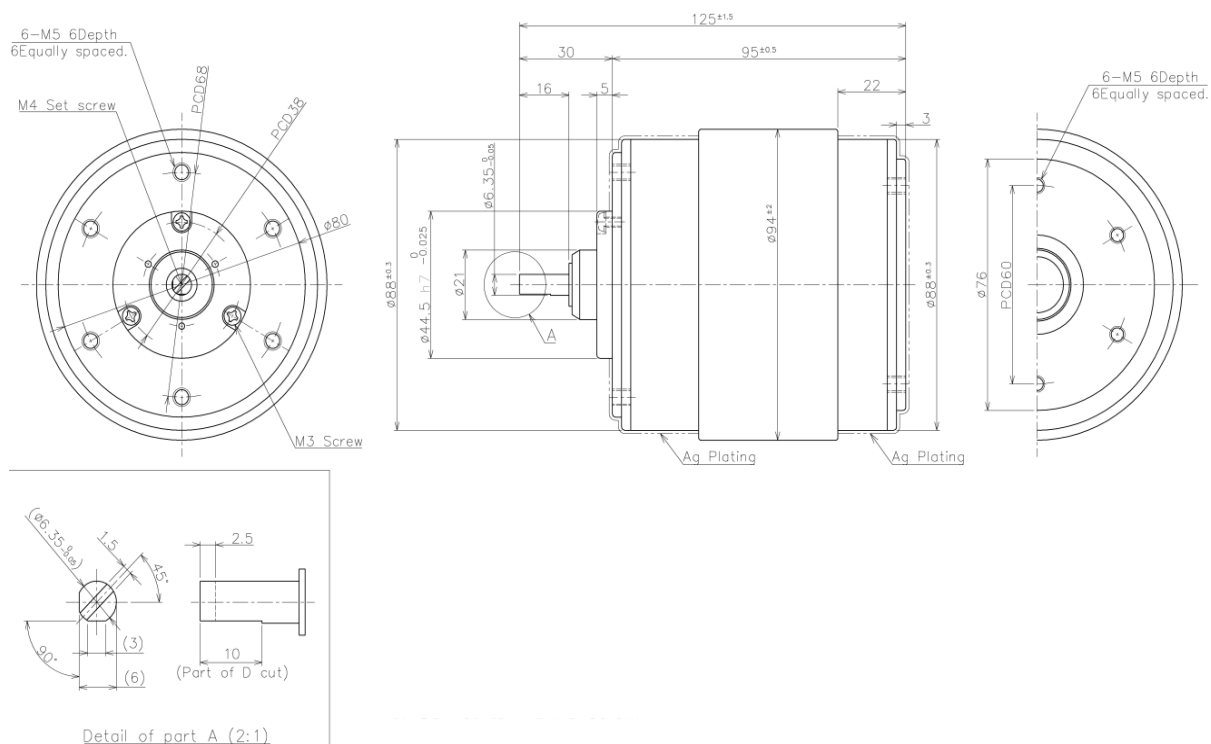
Variable Type Vacuum Capacitor (VP94L Type)

Specification

Peak test Voltage	25 kVp (at 50, 60 Hz/ 1min)
RF Working Voltage	15 kVp
Capacitance nominal	14 – 100 pF
Linear Variability	12.3 ± 0.7 pF/Turn ($C \geq 30$ pF)
Maximum Current	90 Arms (13.56MHz)
Tuner Turns	10.7 ± 0.2 Turns
Tuner Operating Torque	0.18 Nm
Total Length	125 mm
Mounting Length	95 mm
Outer Diameter	$\phi 94$ mm
Weight	1.8 kg



Drawing



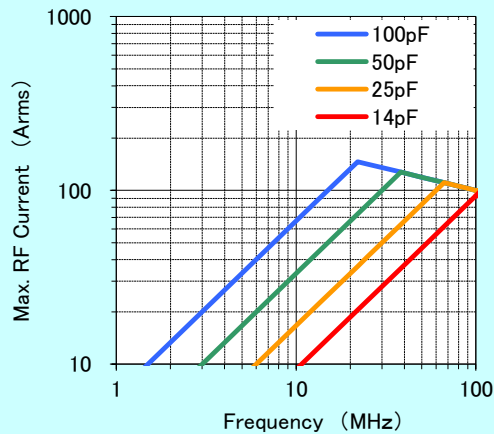
SCV-251P94L

Variable Type Vacuum Capacitor (VP94L Type)

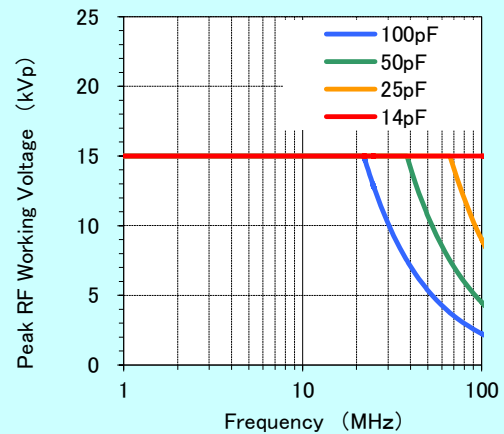
MEIDEN

MQ90A40252

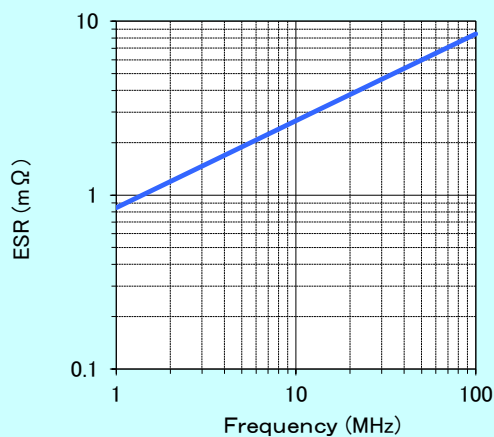
Frequency – Current response



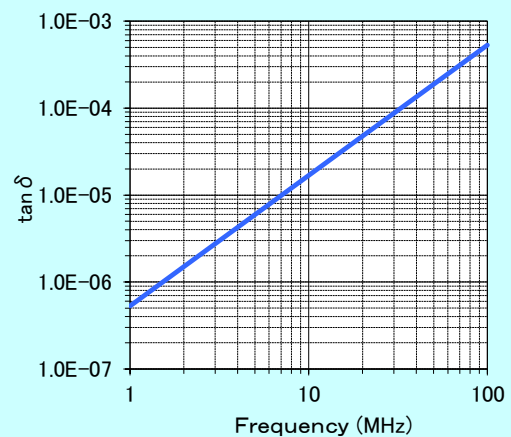
Frequency – Voltage response



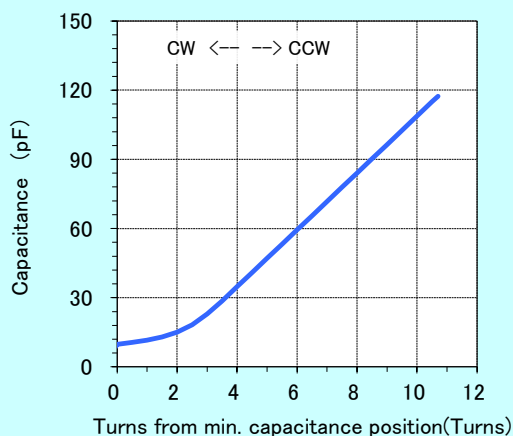
Frequency – ESR response



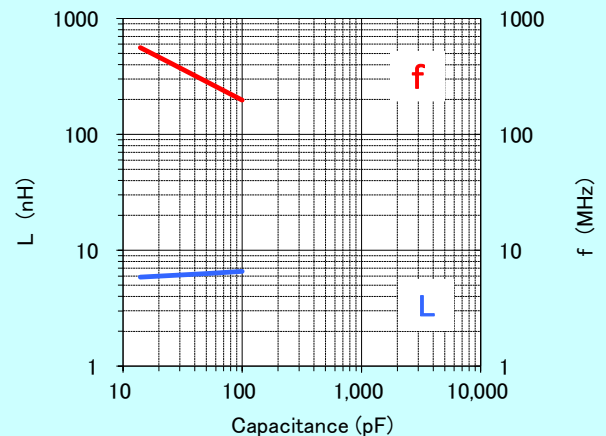
Frequency – tan δ response



Tuner Turns – Capacitance response



Capacitance – L & f response



Notice: Current collecting system: Capacitor both-end full-face collection.

Cooling System: Convection Cooling

Permissible surface temperature: 125°C.

(The surface temperature changes with current collecting conditions and ambient temperature.)

Ambient temperature: 25°C.

In regard to queries about these products, please contact below.

MEIDENSHA CORPORATION

Vacuum device Sales Department: ThinkPark Tower 2-1-1 Osaki, Shinagawa-ku, Tokyo, 141-6029 Japan

Phone: 81-3-6420-7590 Facsimile: 81-3-5745-3058 URL: <http://www.meidensha.co.jp>

As of Nov. 2022