

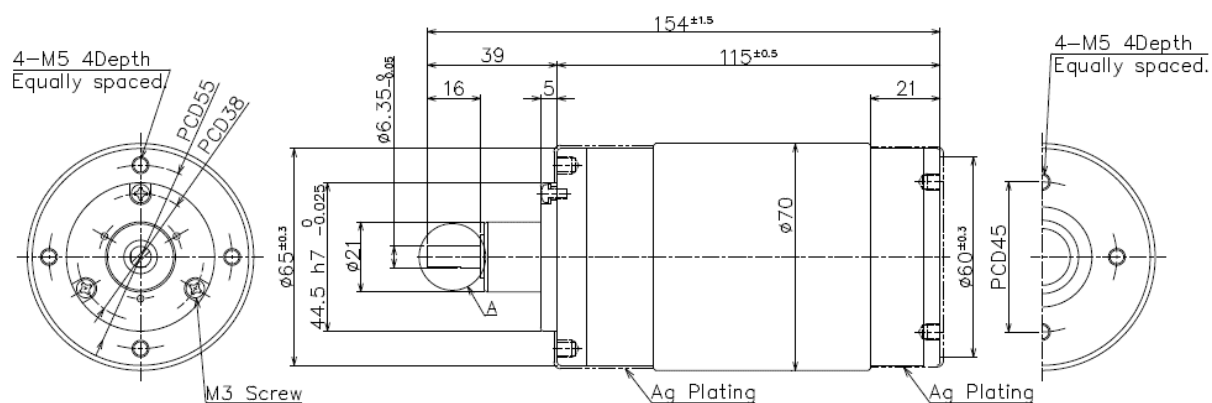
Variable Type Vacuum Capacitor (VP70 Type)

Specification

Peak test Voltage	5 kVp (at 50, 60 Hz/ 1min)
RF Working Voltage	3 kVp
Capacitance nominal	35 – 1500 pF
Linear Variability	114 ± 6 pF/Turn ($C \geq 150$ pF)
Maximum Current	140 Arms (13.56MHz)
Tuner Turns	14.3 ± 0.2 Turns
Tuner Operating Torque	0.18 Nm
Total Length	154 mm
Mounting Length	115 mm
Outer Diameter	$\phi 70$ mm
Weight	1.4 kg



Drawing



Detail of part A (2:1)

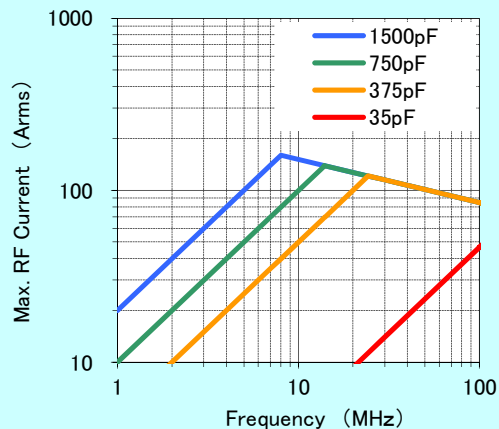
SCV-515P70W

Variable Type Vacuum Capacitor (VP70 Type)

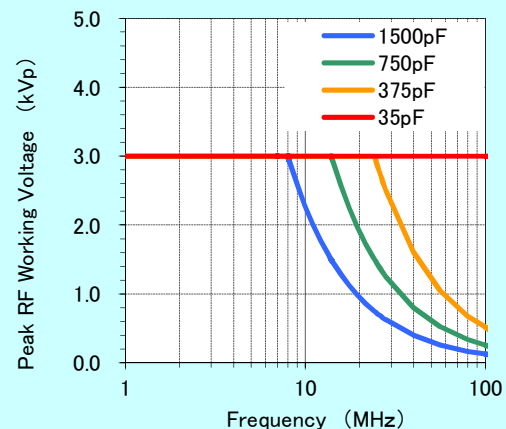
MEIDEN

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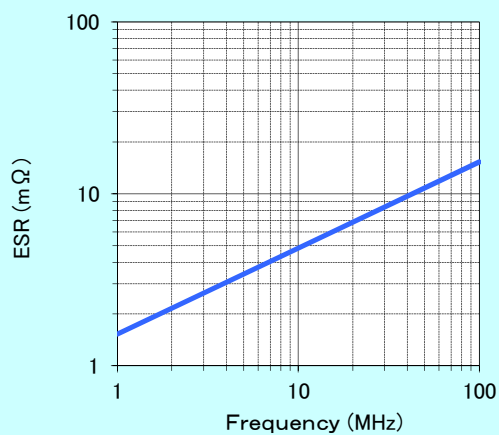
Frequency – Current response



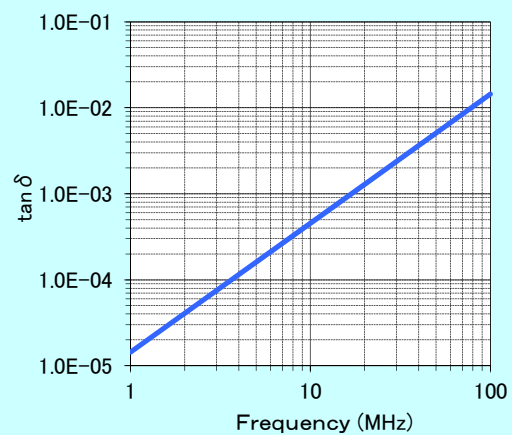
Frequency – Voltage response



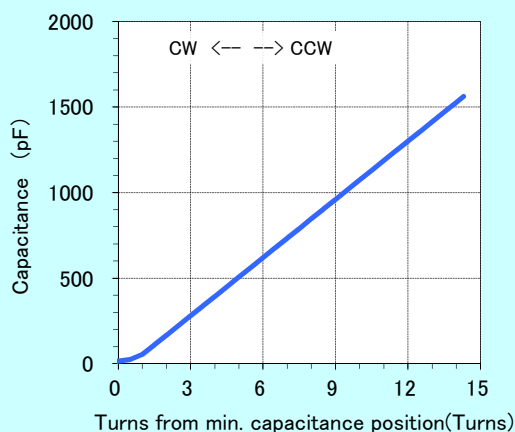
Frequency – ESR response



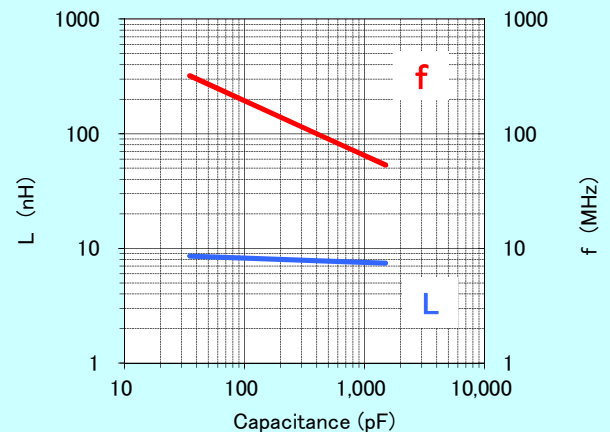
Frequency – $\tan \delta$ response



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

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