

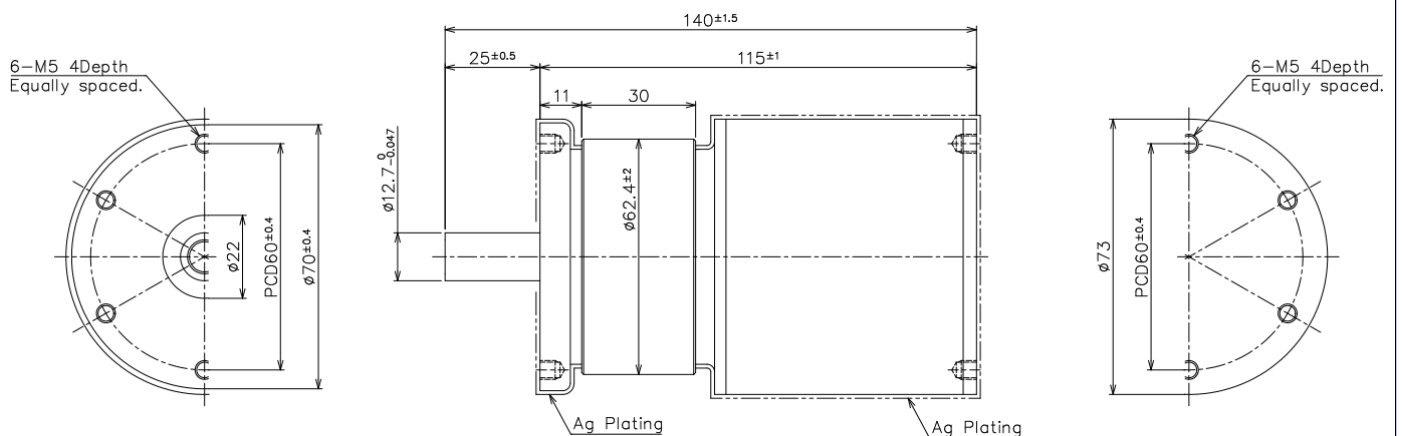
Variable Type Vacuum Capacitor (VM Type3 Type)

Specification

Peak test Voltage	5 kVp (at 50, 60 Hz/ 1min)
RF Working Voltage	3 kVp
Capacitance nominal	90 - 1400 pF
Linear Variability	115 ± 8 pF/Turn (C ≥ 150 pF)
Maximum Current	100 Arms (13.56MHz)
Tuner Turns	12.0 ± 1.0 Turns
Tuner Operating Torque	0.25 Nm
Total Length	140 mm
Mounting Length	115 mm
Outer Diameter	φ73 mm
Weight	1.4 kg



Drawing



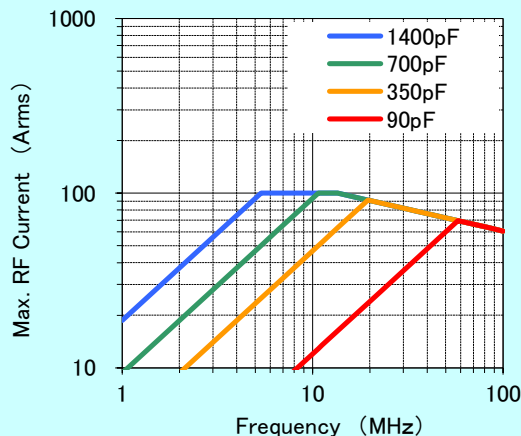
SCV-514M

Variable Type Vacuum Capacitor (VM Type3 Type)

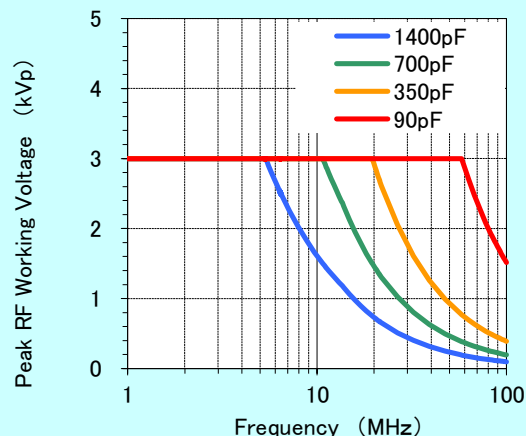
MEIDEN

MQ90A40405

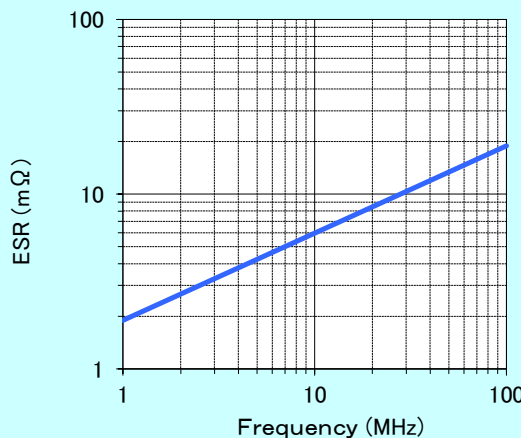
Frequency – Current response



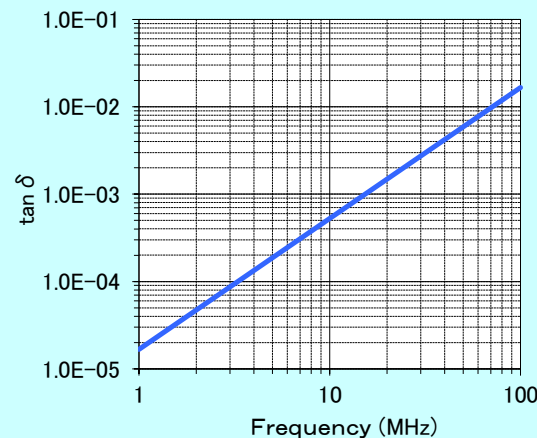
Frequency – Voltage response



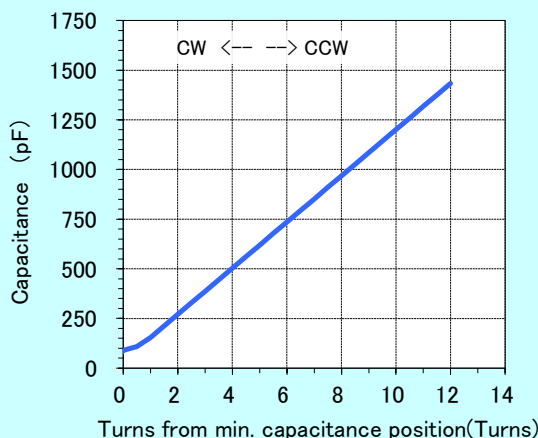
Frequency – ESR response



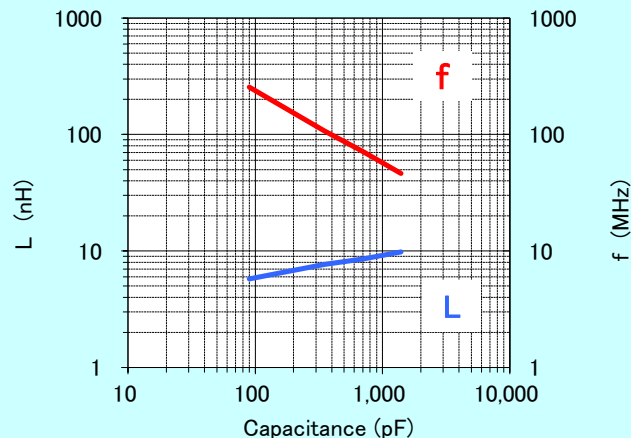
Frequency – $\tan \delta$ response



Tuner Turns – Capacitance response



Capacitance – L & f response



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

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

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