

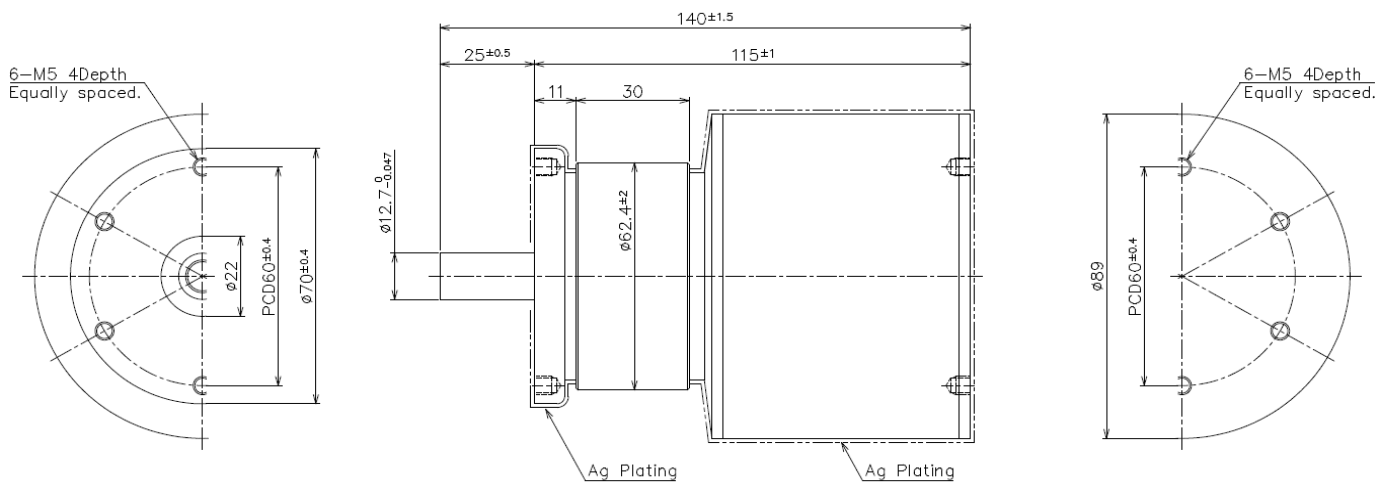
Variable Type Vacuum Capacitor (VM Type4 Type)

Specification

Peak test Voltage	10 kVp (at 50, 60 Hz/ 1min)
RF Working Voltage	6 kVp
Capacitance nominal	80 - 1000 pF
Linear Variability	90.0 ± 6.0 pF/Turn (C ≥ 125 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	φ 89 mm
Weight	1.8 kg



Drawing



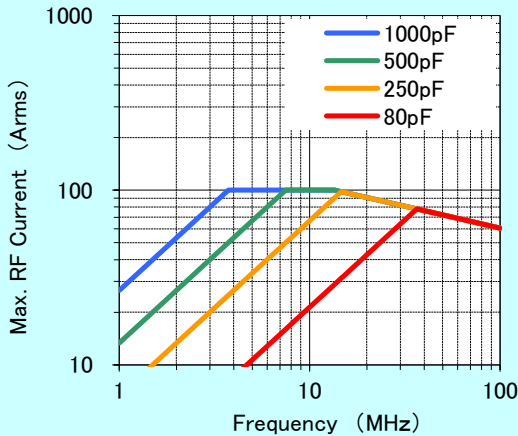
SCV-1010

Variable Type Vacuum Capacitor (VM Type4 Type)

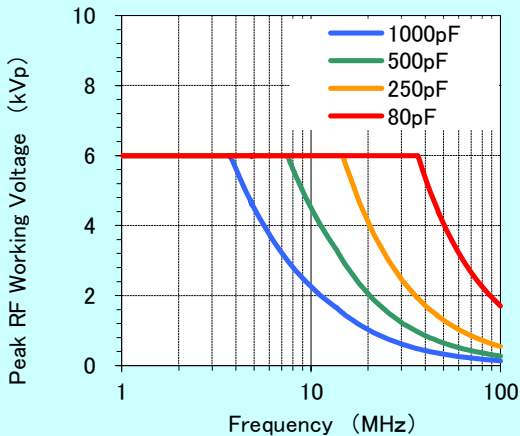
MEIDEN

MQ90A40407

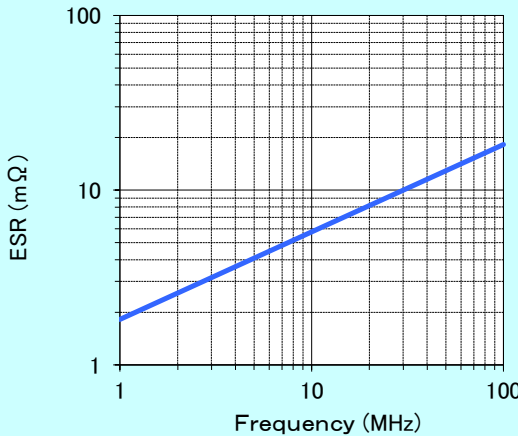
Frequency – Current response



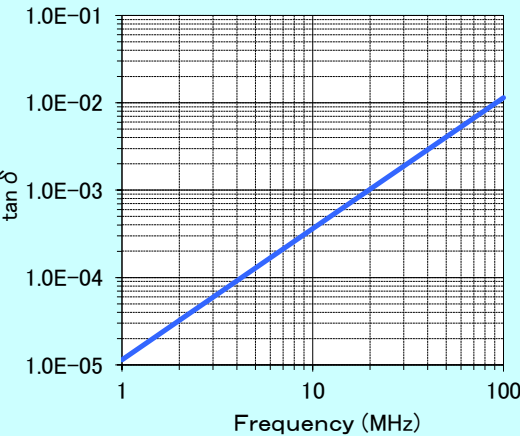
Frequency – Voltage response



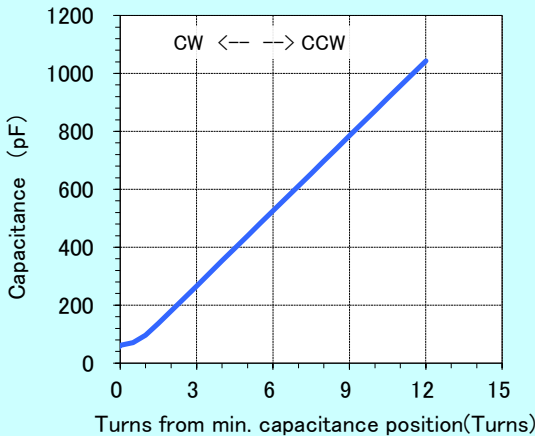
Frequency – ESR response



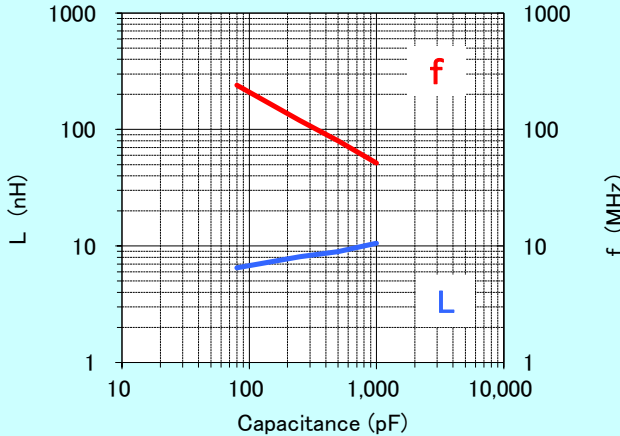
Frequency – tan δ response



Tuner Turns – Capacitance response



Capacitance – L & f response



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

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 Mar. 2023