

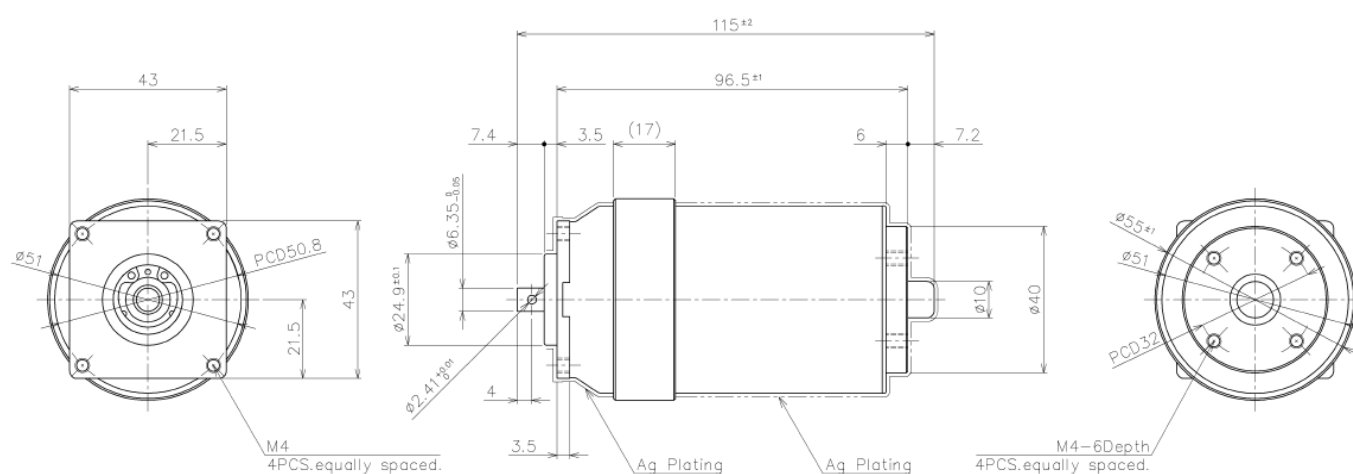
Variable Type Vacuum Capacitor (VD55 Type)

Specification

Peak test Voltage	15 kVp (at 50, 60 Hz/ 1min)
RF Working Voltage	9 kVp
Capacitance nominal	45 – 450 pF
Linear Variability	44.8 ± 2.3 pF/Turn (C ≥ 50 pF)
Maximum Current	80 Arms (13.56MHz)
Tuner Turns	10.0 ± 0.5 Turns
Tuner Operating Torque	0.15 Nm
Total Length	115 mm
Mounting Length	96.5 mm
Outer Diameter	ϕ 55 mm
Weight	0.6 kg



Drawing



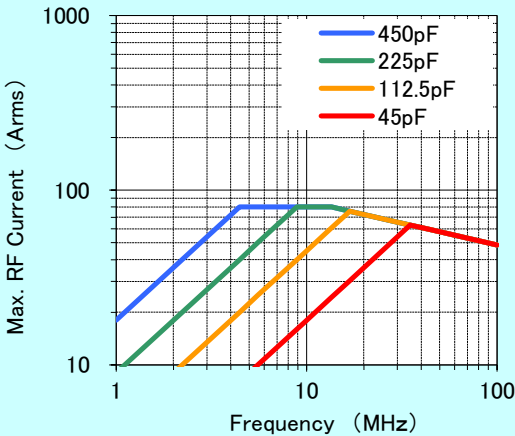
SCV-154.5D55W

Variable Type Vacuum Capacitor (VD55 Type)

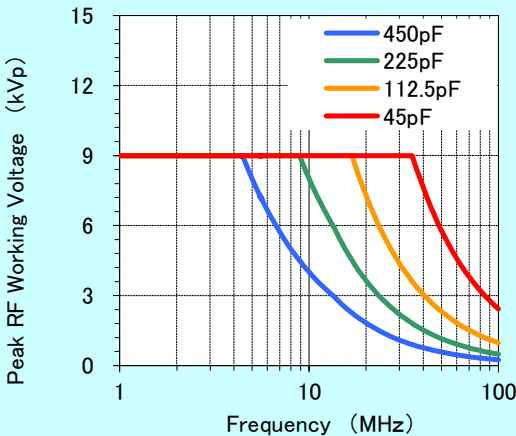
MEIDEN

MQ90A40290

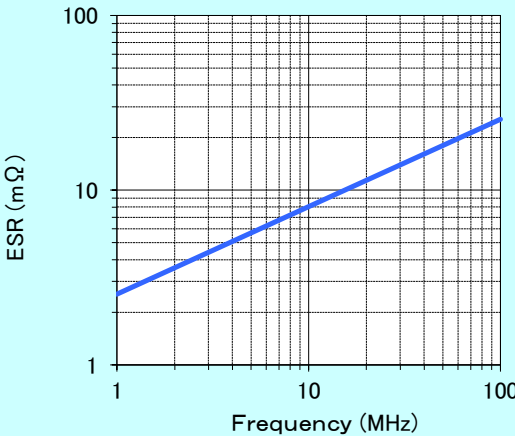
Frequency – Current response



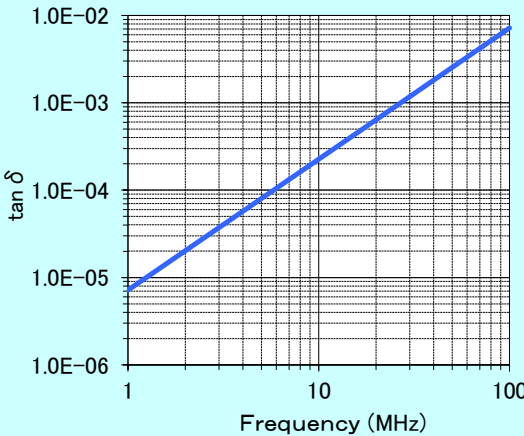
Frequency – Voltage response



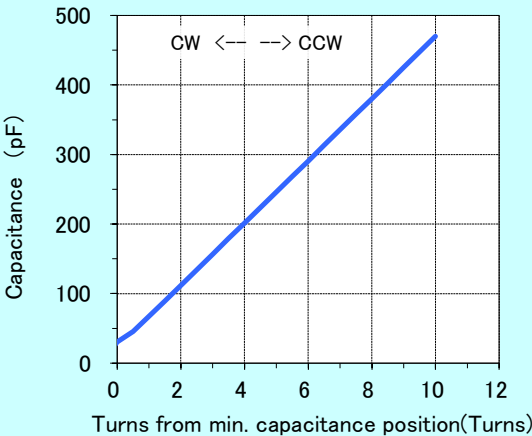
Frequency – ESR response



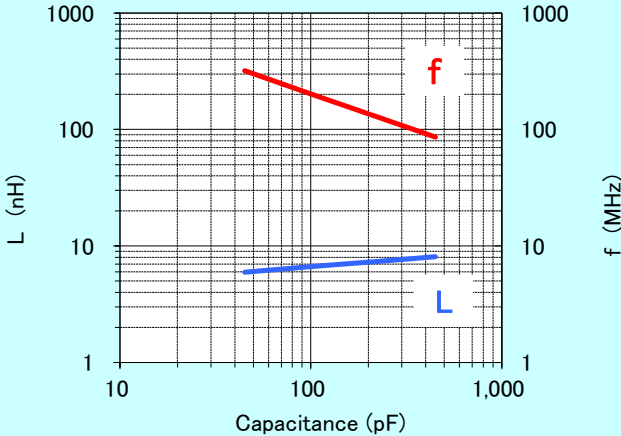
Frequency – tan δ response



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

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

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