

SCV-152

Variable Type Vacuum Capacitor (VM Type)

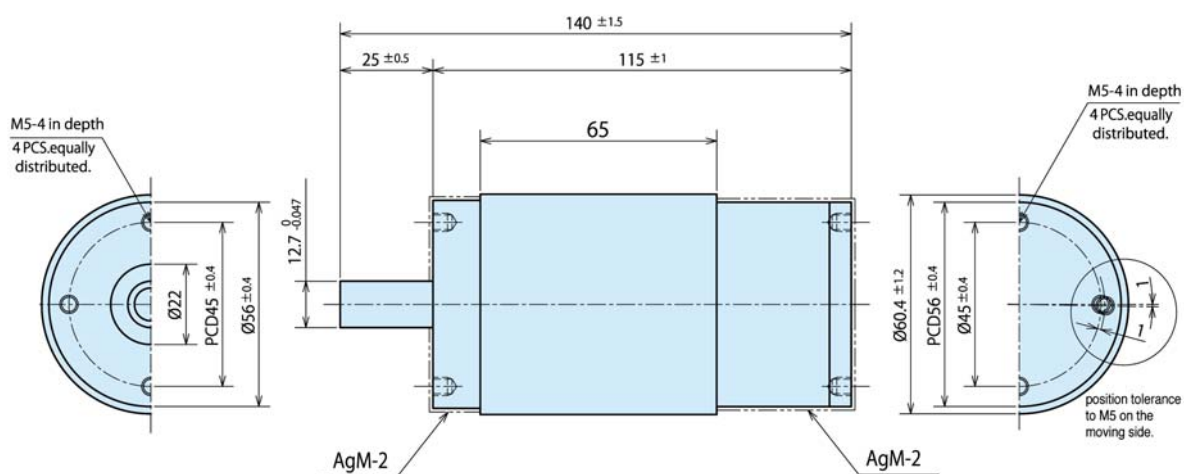
MEIDEN

Specification

Peak Test Voltage	15kV,peak (at 50,60 Hz/ 1 minute)
RF Working Voltage	9 kV,peak (at 13.56 MHz)
Capacitance nominal	12– 200 pF
Linear Variability	18±2 pF/Turn ($C \geq 20\text{pF}$)
Maximum Current	100 A,rms (at 13.56 MHz)
Tuner Turns	12±1.0 Turns
Tuner Operating Torque	24.5 N·cm
Total Length	140 mm
Mounting Length	115 mm
Outer Diameter	φ60.4mm
Weight	0.95 kg



Drawing

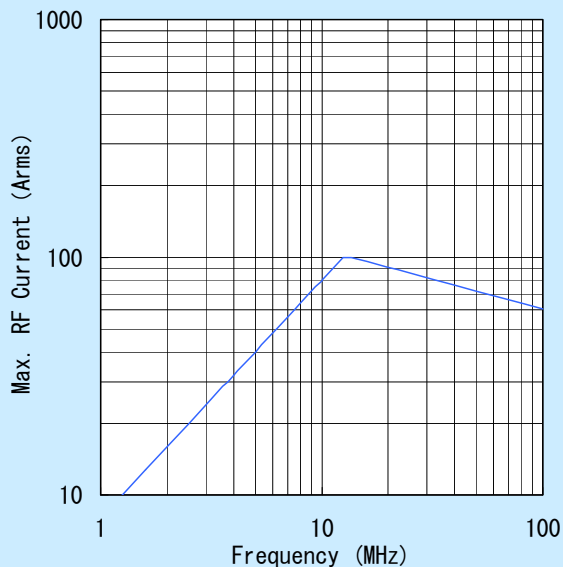


SCV-152

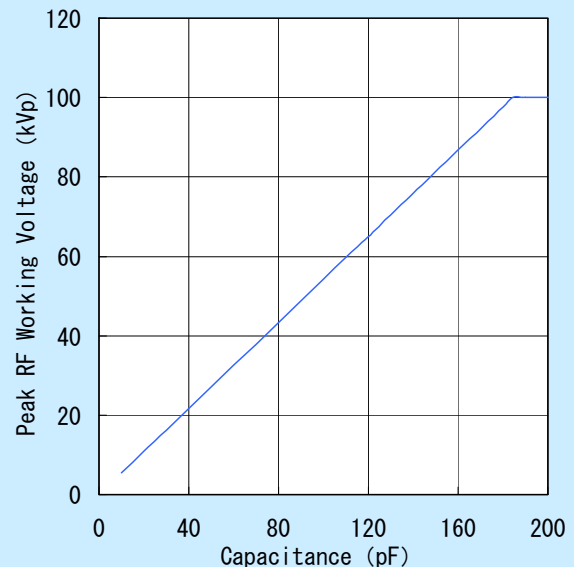
MEIDEN

Variable Type Vacuum Capacitor (VM Type)

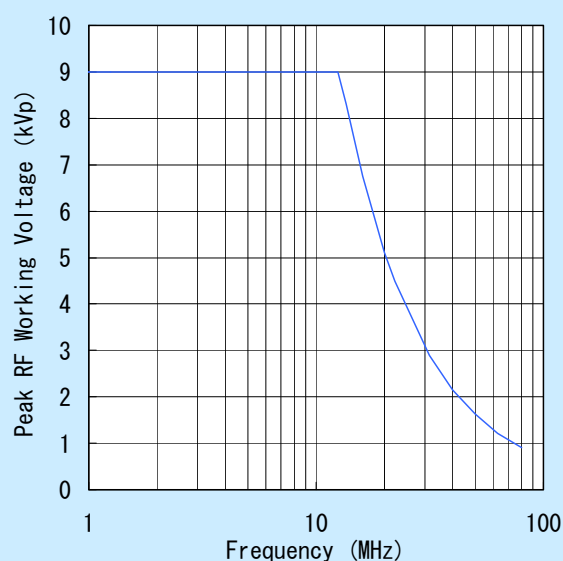
Frequency - Current response



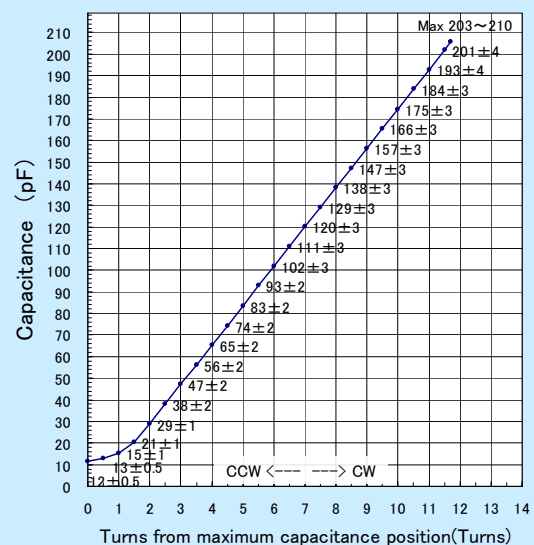
Capacitance - Current response



Frequency - Voltage response



Tuner Turns - Capacitance response



Note:

- Current collecting system: Capacitor both-end full-face collection.
- Cooling System: Convection.
- Permissible surface temperature (max.): 125°C.
(surface temperature changes with current collecting conditions and ambient temperature.)
- Ambient temperature: 25°C.