

SCV-150.5

Variable Type Vacuum Capacitor (VM Type)

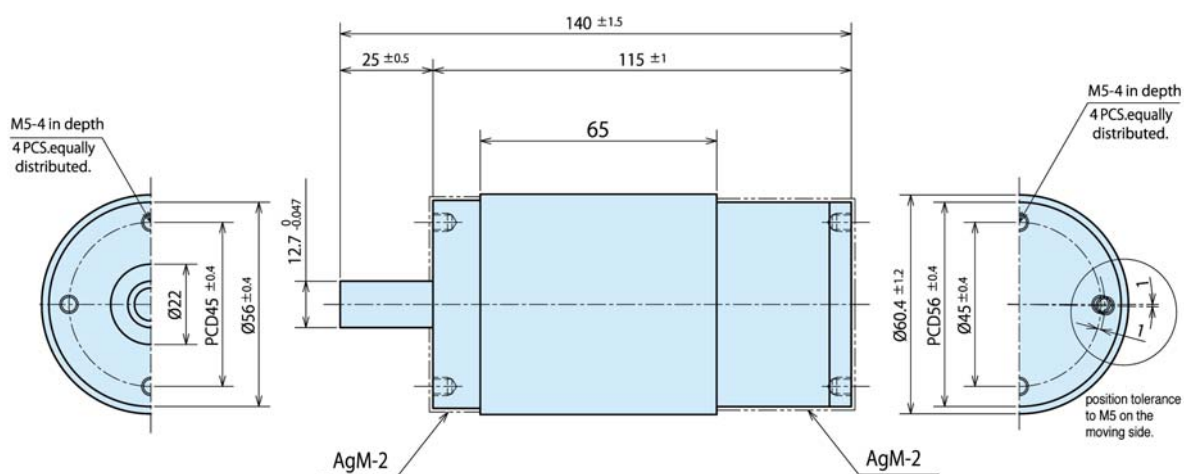
MEIDEN

Specification

Peak Test Voltage	15kV, peak (at 50,60 Hz/ 1 minute)
RF Working Voltage	9 kV, peak (at 13.56 MHz)
Capacitance nominal	10 – 50 pF
Linear Variability	4.5±2pF/Turn ($C \geq 15\text{pF}$)
Maximum Current (Convection)	27 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	φ60.4 mm
Weight	0.92 kg



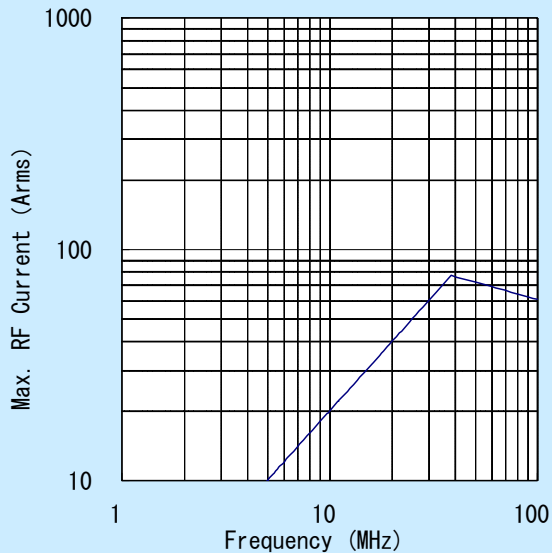
Drawing



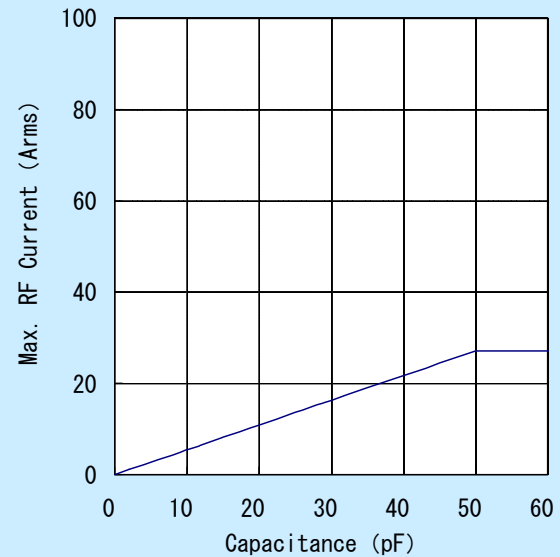
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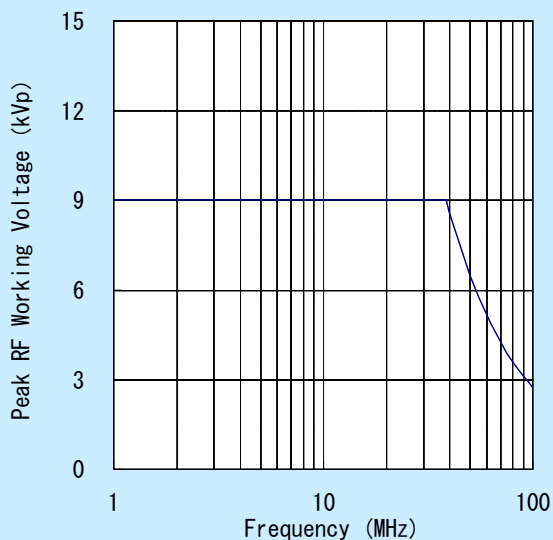
Frequency - Current response



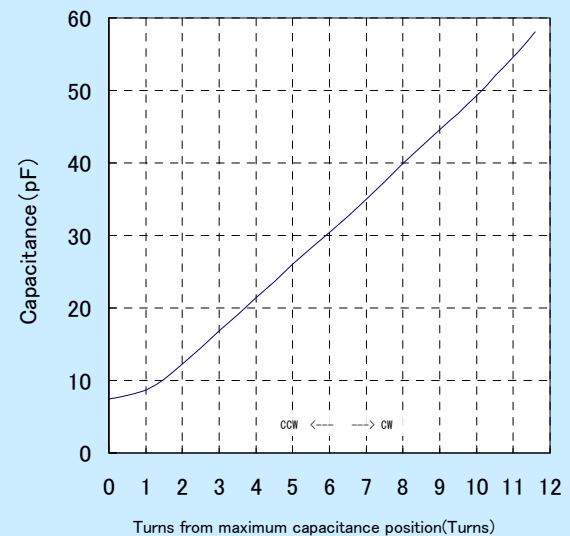
Capacitance - Current response



Frequency - Voltage response



Tuner Turns - Capacitance response



Notice:

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