

SCV-250.8G

Variable Type Vacuum Capacitor (VM Type)

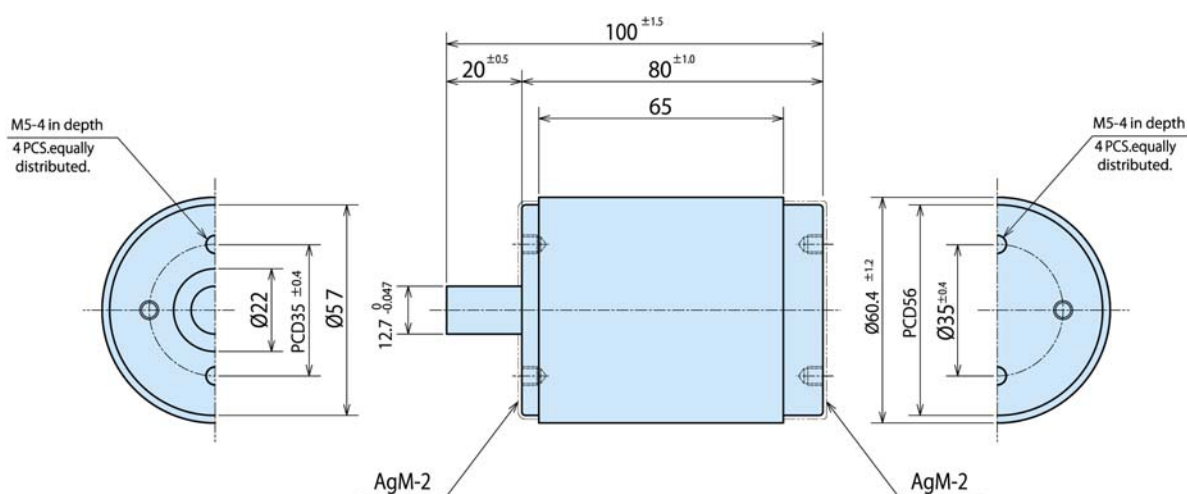
MEIDEN

Specification

Peak Test Voltage	25kV,peak (at 50,60 Hz/ 1 minute)
RF Working Voltage	15 kV,peak (at 13.56 MHz)
Capacitance nominal	10 – 80 pF
Linear Variability	16±2 pF/Turn ($C \geq 20\text{pF}$)
Maximum Current (Convection)	72 A,rms (at 13.56 MHz)
Tuner Turns	5.5±0.5 Turns
Tuner Operating Torque	19.6 N·cm
Total Length	100 mm
Mounting Length	80 mm
Outer Diameter	φ60.4 mm
Weight	0.5 kg



Drawing

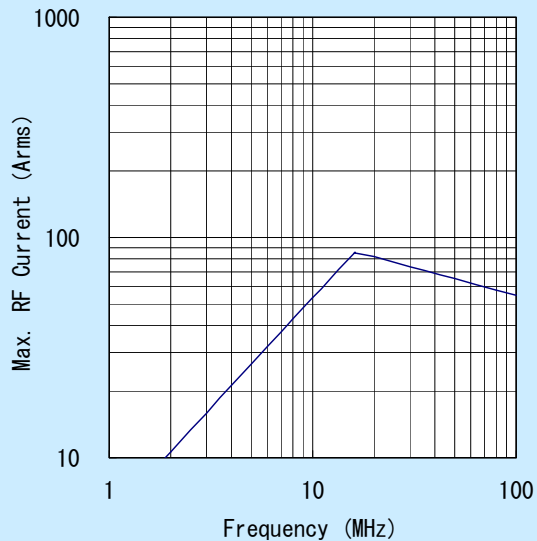


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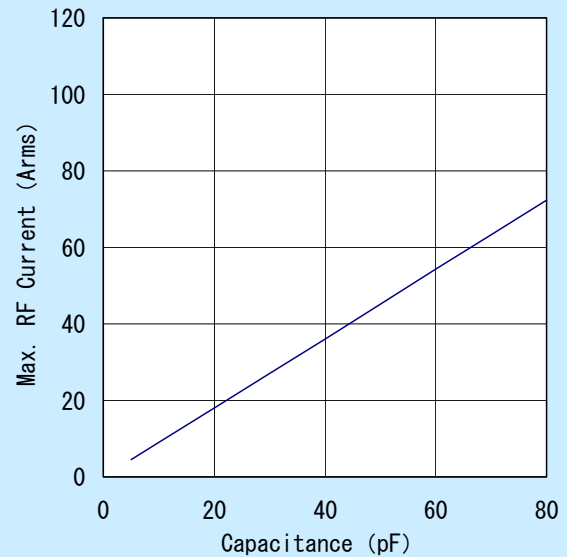
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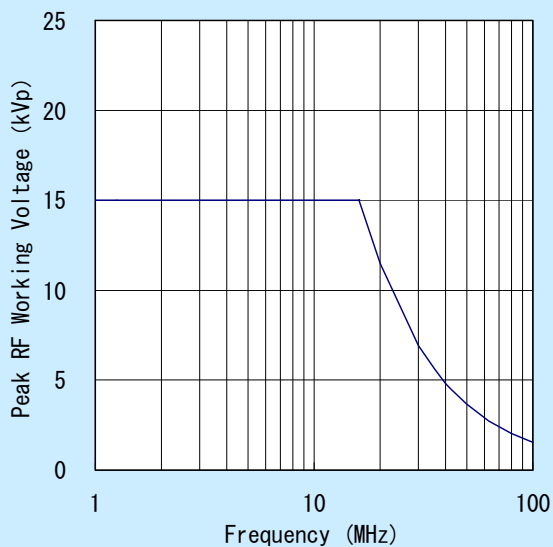
Frequency - Current response



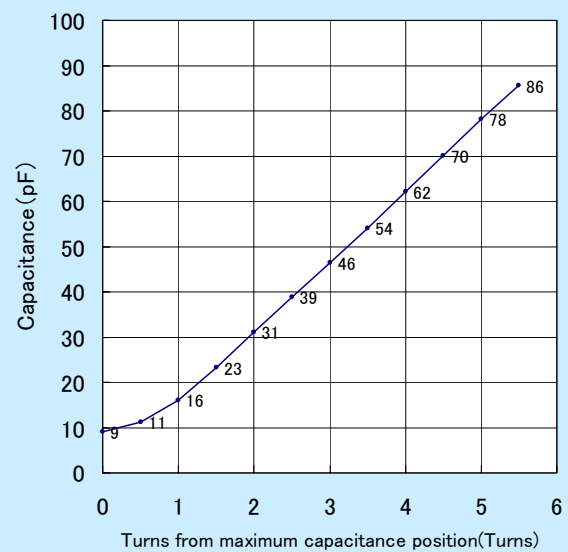
Capacitance - Current response



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.