

SCV-515GT

Variable Type Vacuum Capacitor (VT Type)

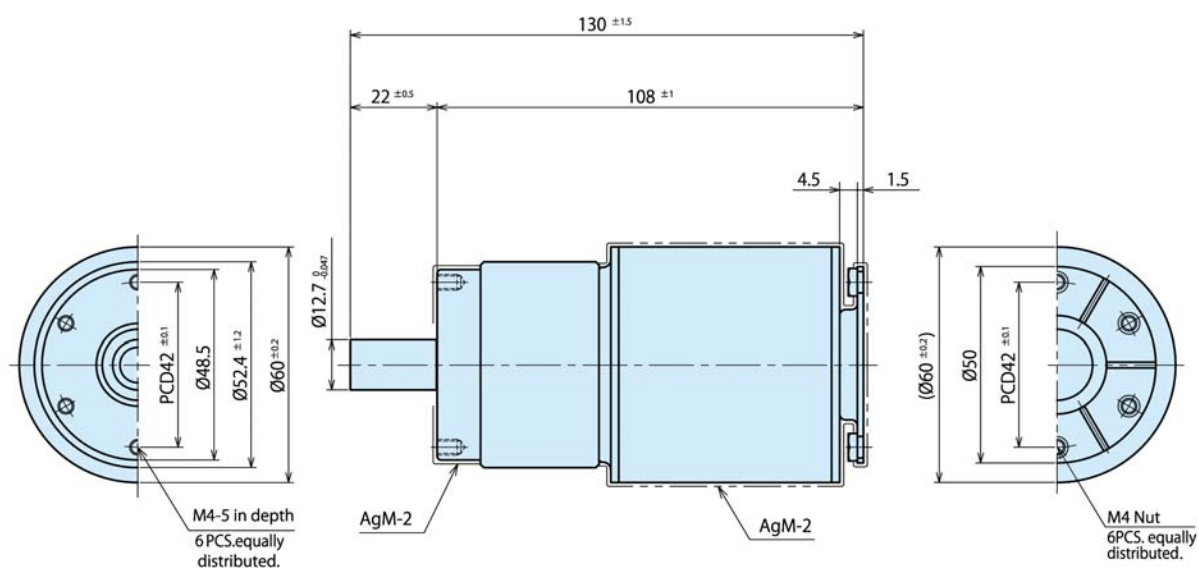
MEIDEN

Specification

Peak Test Voltage	5 kV, peak (at 50, 60 Hz / 1 minute)
RF Working Voltage	3 kV, peak (at 13.56 MHz)
Capacitance nominal	70 – 1500 pF
Linear Variability	148±17pF/Turn ($C \geq 150\text{pF}$)
Maximum Current	80 A, rms (at 13.56 MHz)
Tuner Turns	10±1.0 Turns
Tuner Operating Torque	19.6 N·cm
Total Length	130 mm
Mounting Length	108 mm
Outer Diameter	φ60 mm
Weight	0.9 kg



Drawing

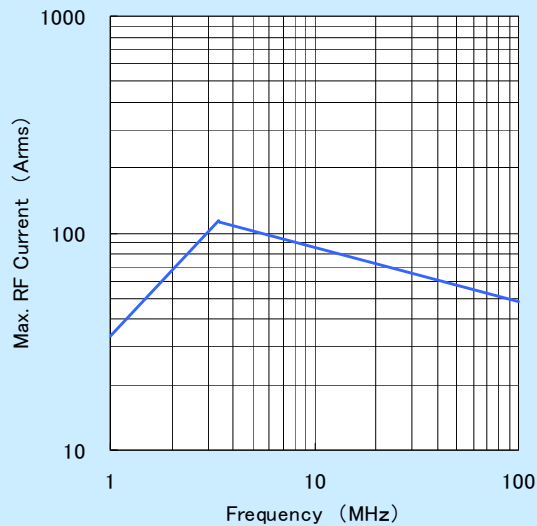


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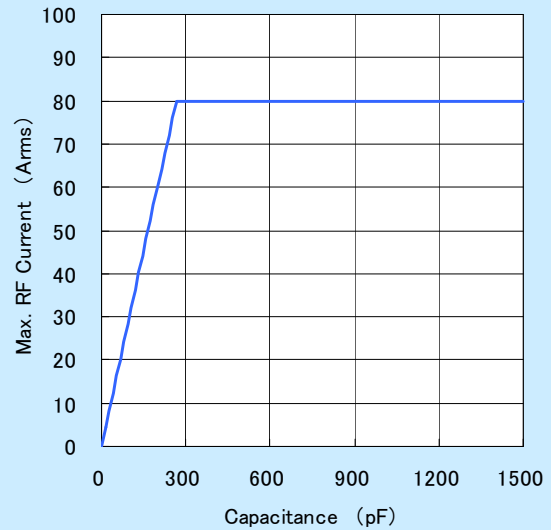
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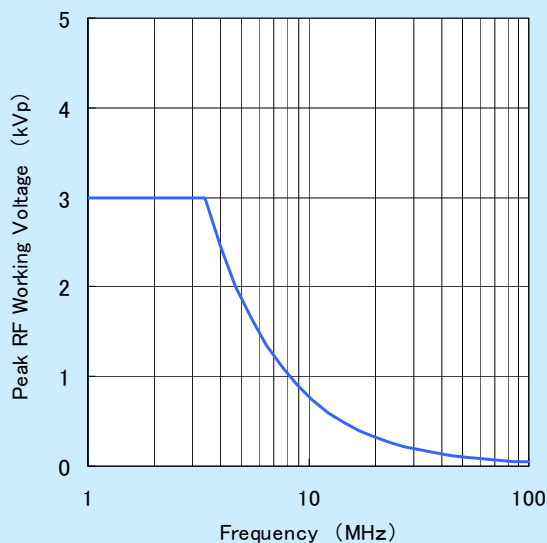
Frequency - Current response



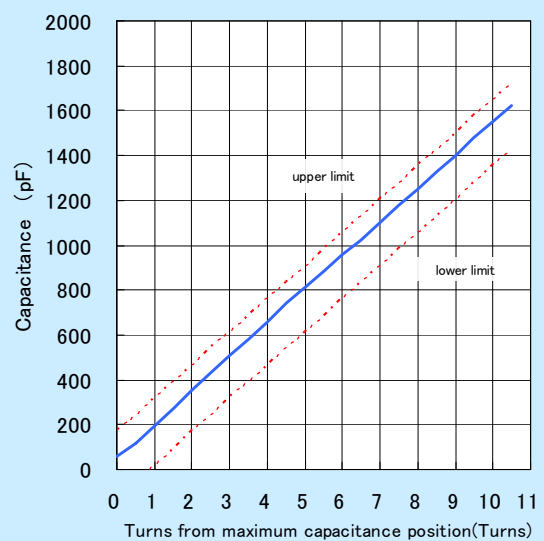
Capacitance - Current response



Frequency - Voltage response



Tuner Turns - Capacitance response



Notice:

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