

SCV-201H82L

Variable Type Vacuum Capacitor (VH82L Type)

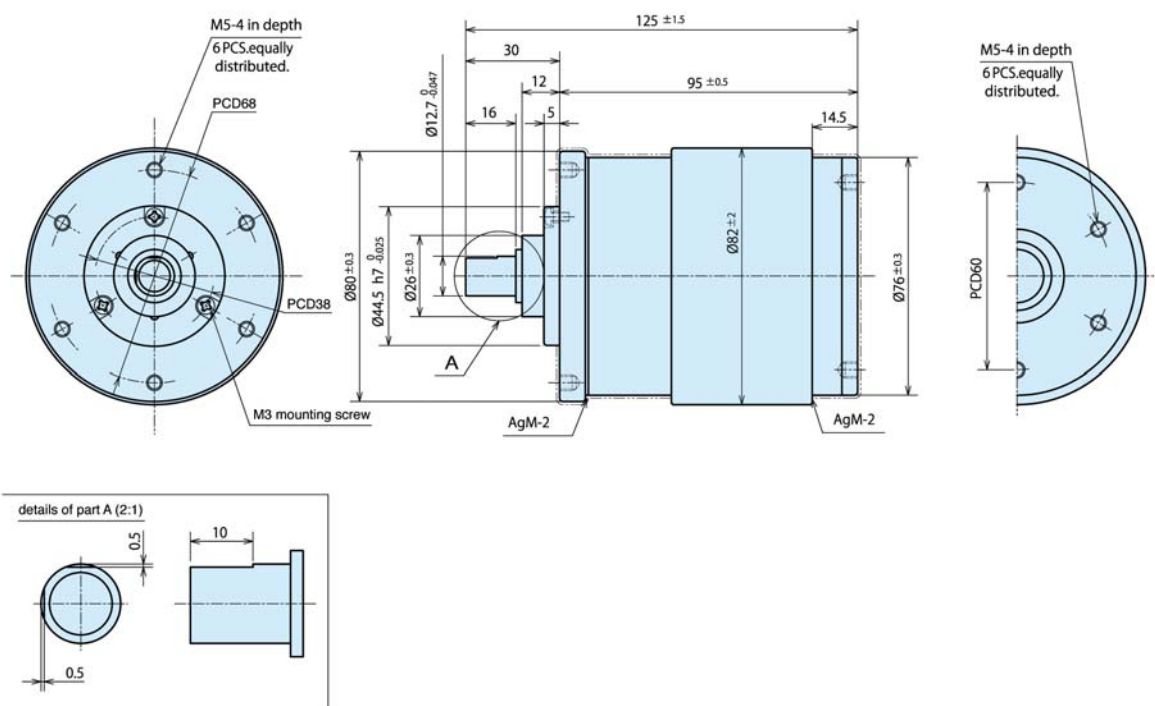
MEIDEN

Specification

Peak Test Voltage	20 kV,peak (at 50,60 Hz/ 1 minute)
RF Working Voltage	12 kV,peak (at 13.56 MHz)
Capacitance nominal	10 – 100 pF
Linear Variability	11.9±0.6 pF/Turn ($C \geq 30\text{pF}$)
Maximum Current (Convection)	72 A,rms (at 13.56 MHz)
Tuner Turns	10.5±0.5 Turns
Tuner Operating Torque	18 N·cm
Total Length	125 mm
Mounting Length	95 mm
Outer Diameter	φ82 mm
Weight	1.6 kg



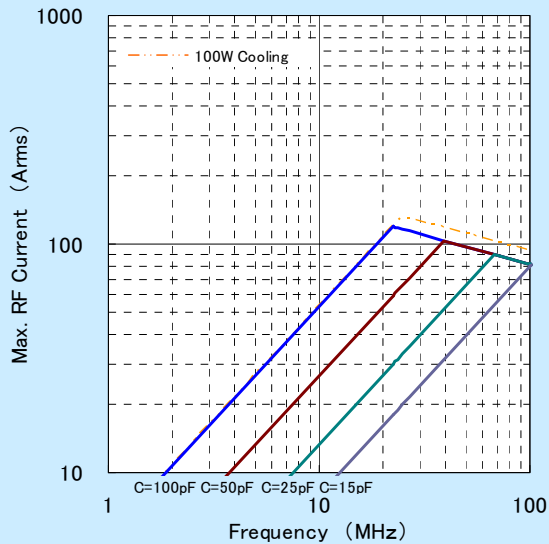
Drawing



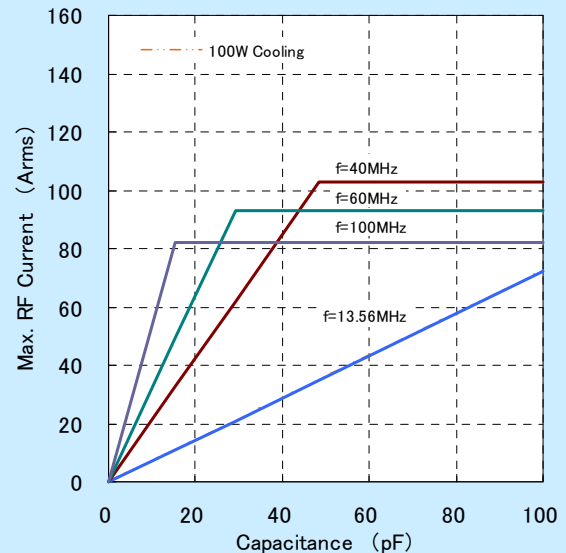
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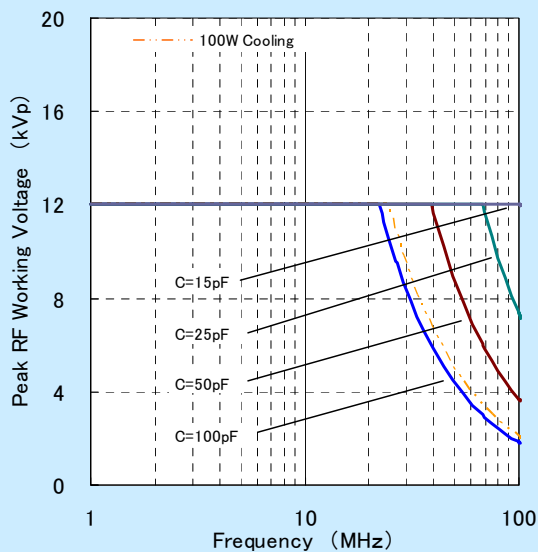
Frequency - Current response



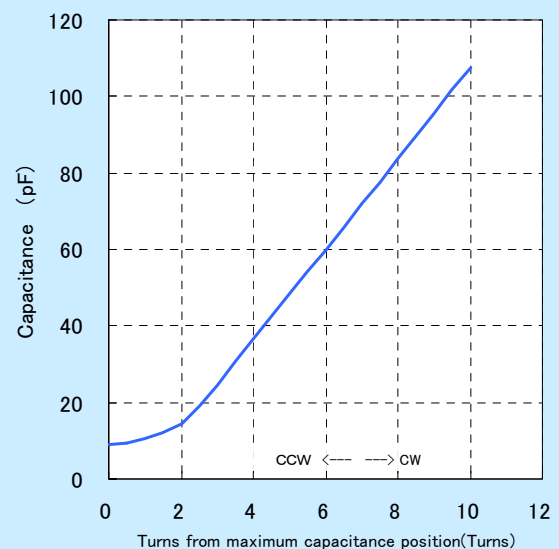
Capacitance - Current response



Frequency - Voltage response



Tuner Turns - Capacitance response



Notice:

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