

SCV-202H82L

Variable Type Vacuum Capacitor (VH82L Type)

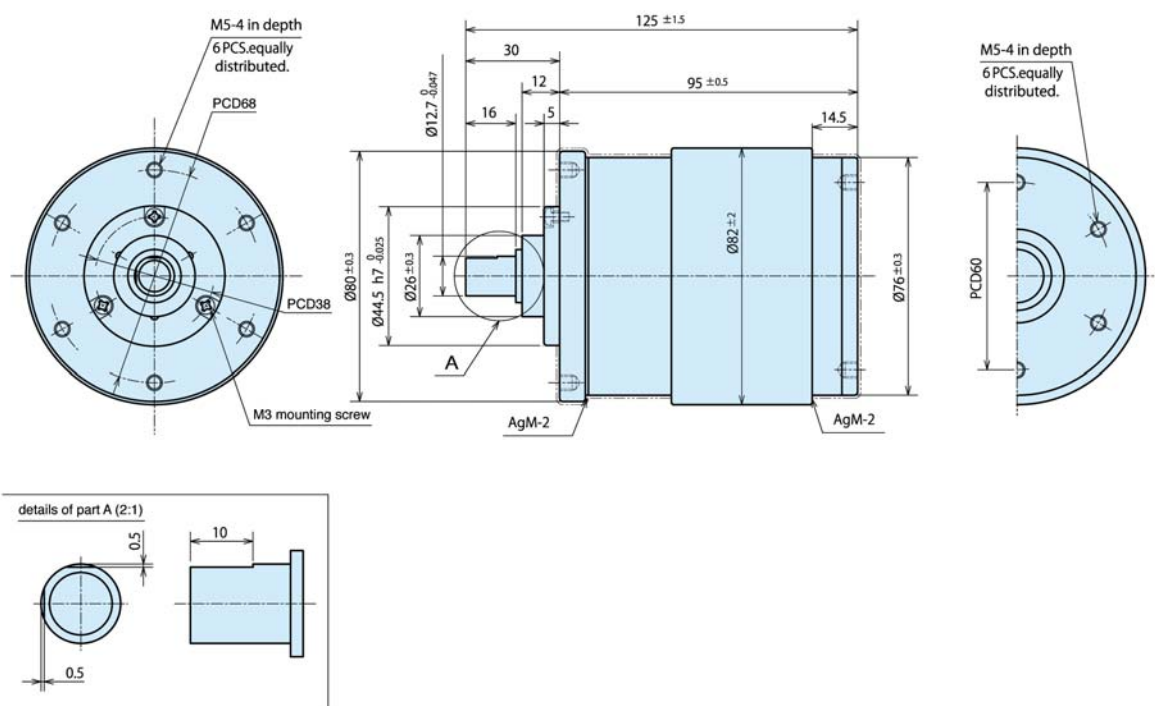
MEIDEN

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	12 – 200 pF
Linear Variability	24±1.2 pF/Turn ($C \geq 50$ pF)
Maximum Current (Convection)	135 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

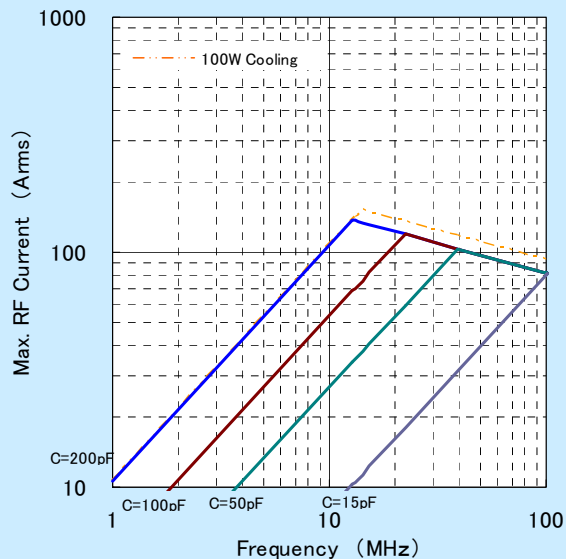


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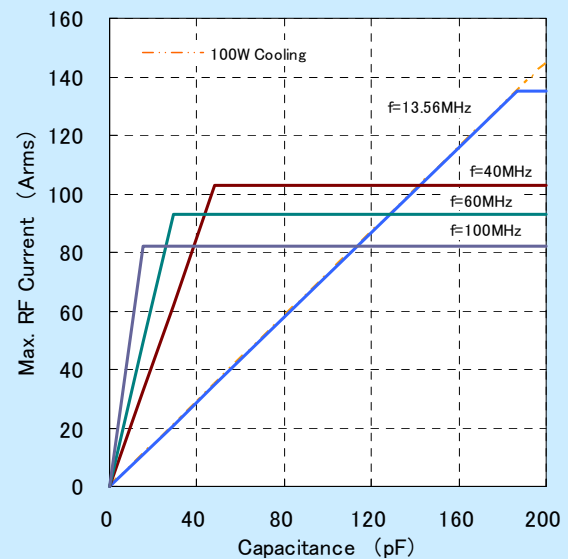
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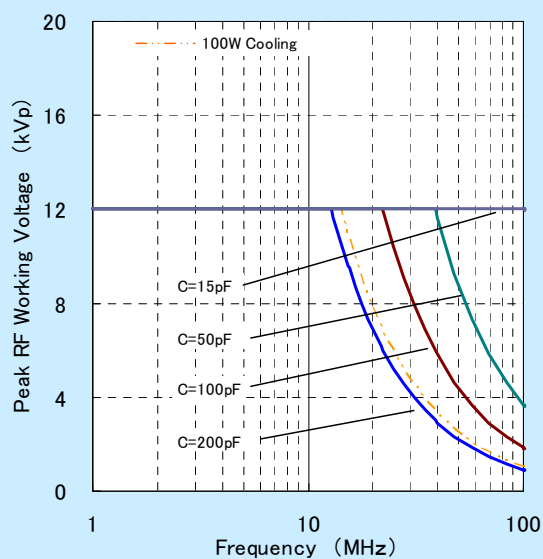
Frequency - Current response



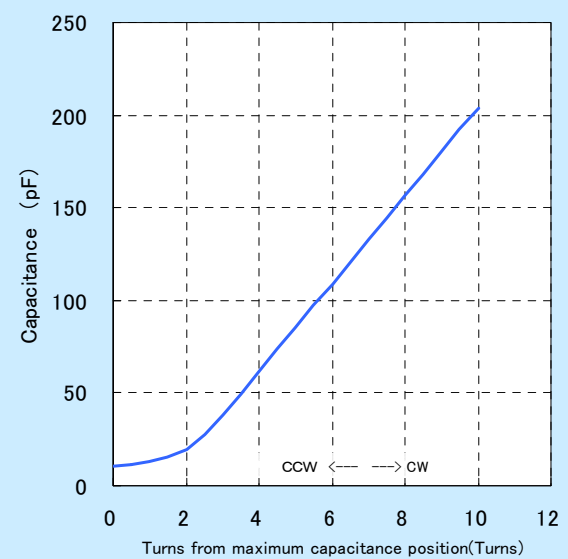
Capacitance - Current response



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.