

SCV-1010H82G

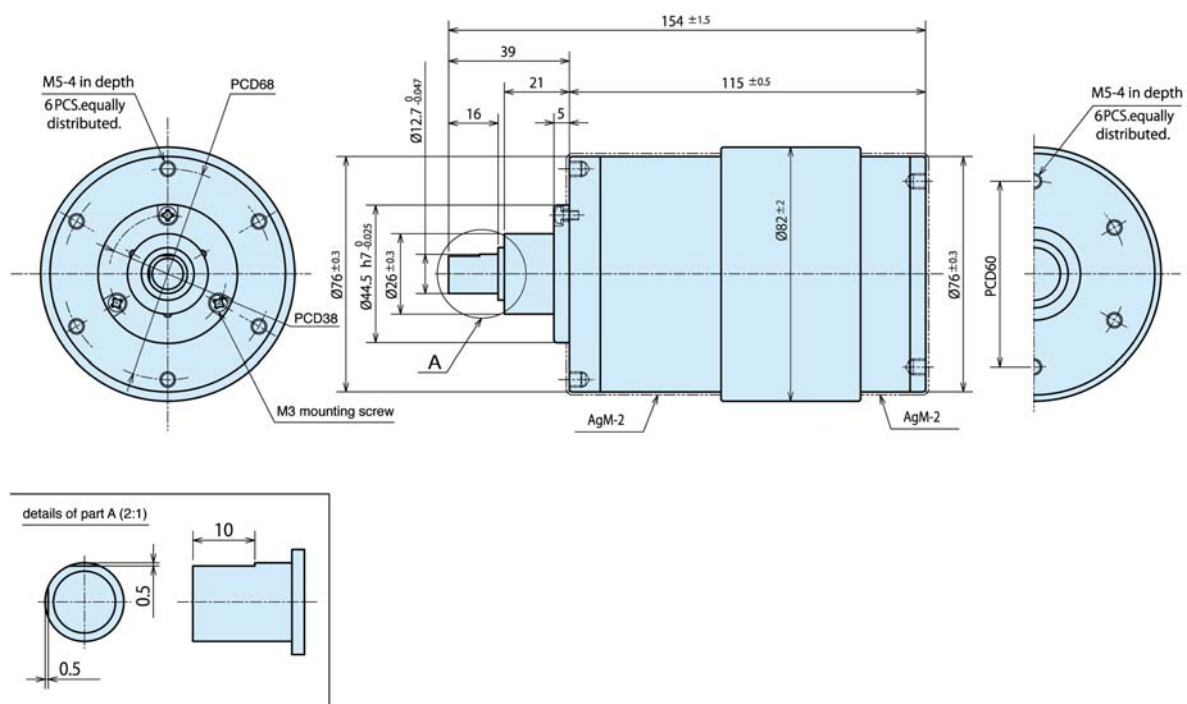
Variable Type Vacuum Capacitor (VH82 Type)

Specification

Peak Test Voltage	10 kV, peak (at 50,60 Hz/ 1 minute)
RF Working Voltage	6 kV, peak (at 13.56 MHz)
Capacitance nominal	25 – 1000 pF
Linear Variability	75.8±3.8 pF/Turn ($C \geq 70$ pF)
Maximum Current	120 A, rms (at 13.56 MHz)
Tuner Turns	14±0.5 Turns
Tuner Operating Torque	18 N·cm
Total Length	154 mm
Mounting Length	115 mm
Outer Diameter	φ82 mm
Weight	1.8 kg



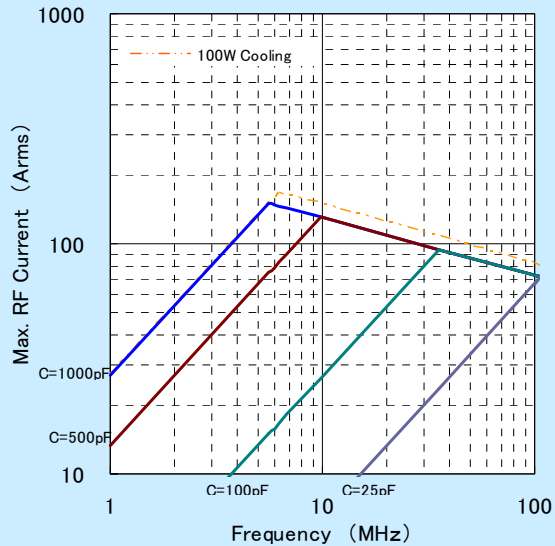
Drawing



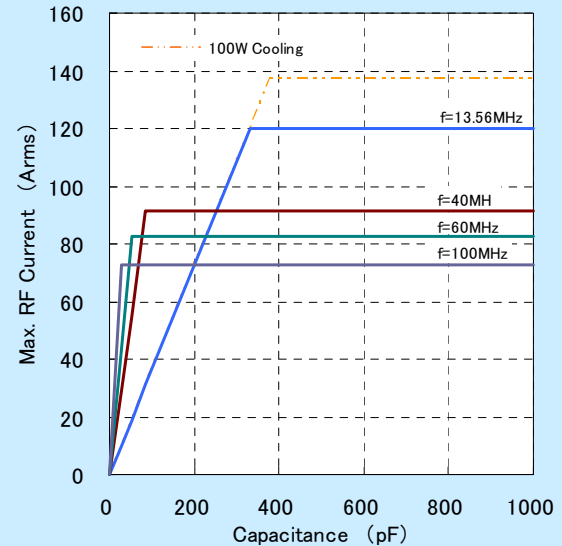
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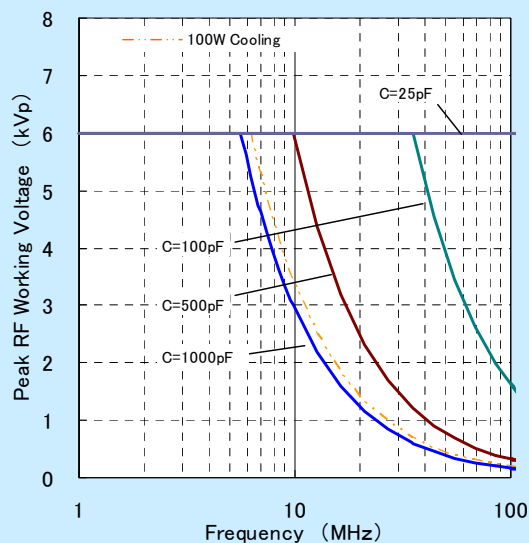
Frequency - Current response



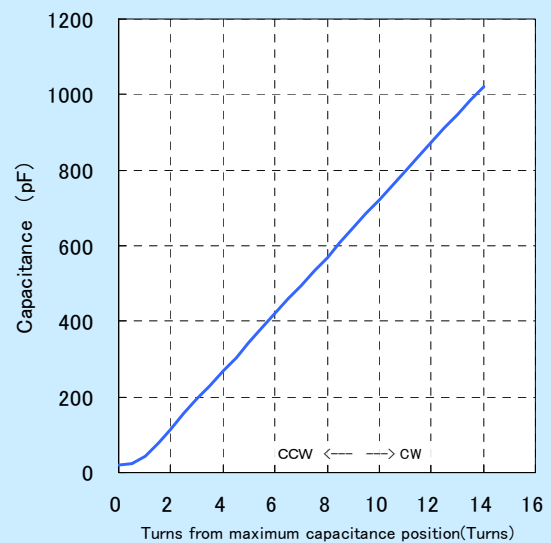
Capacitance - Current response



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.