

# SCV-1010

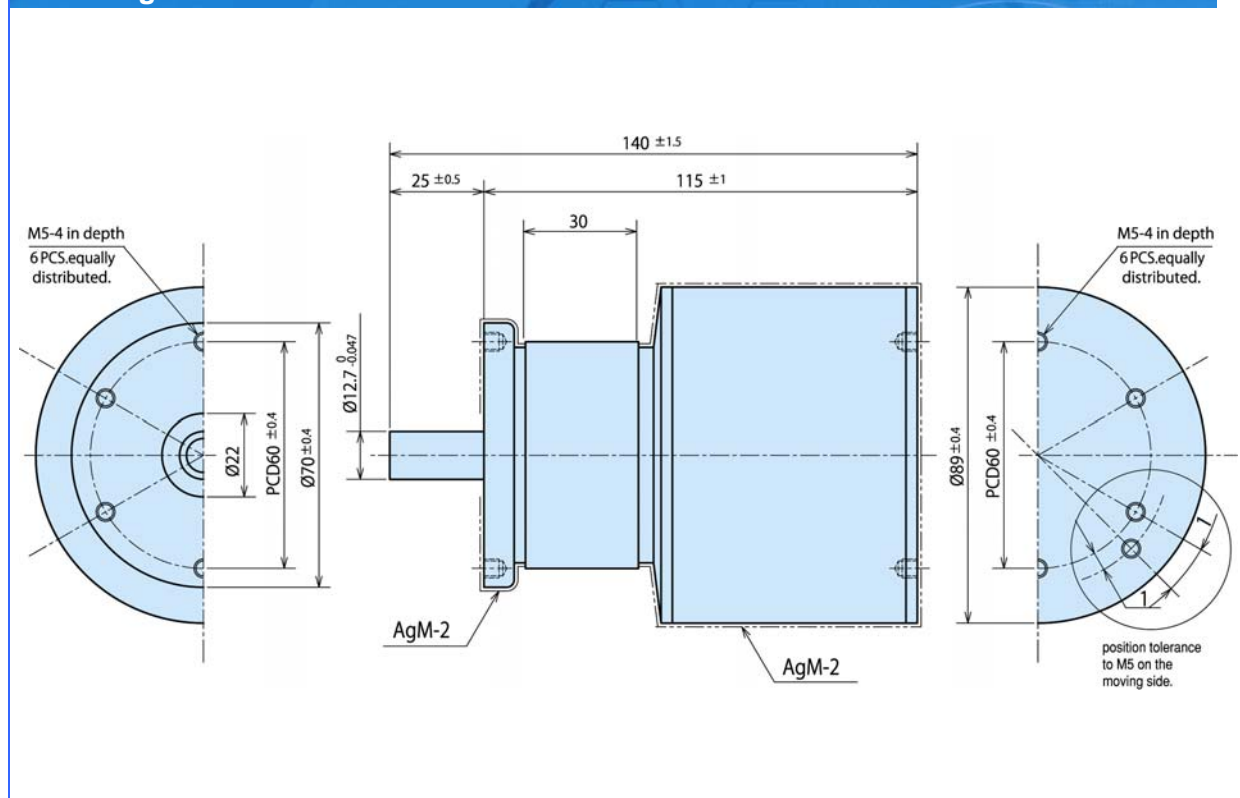
Variable Type Vacuum Capacitor (VM Type)

## 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	80 – 1000 pF
Linear Variability	90±6 pF/Turn (C ≥ 125 pF)
Maximum Current	100 A,rms (at 13.56 MHz)
Tuner Turns	12±1.0 Turns
Tuner Operating Torque	24.5 N·cm
Total Length	140 mm
Mounting Length	115 mm
Outer Diameter	φ89 mm
Weight	1.8 kg



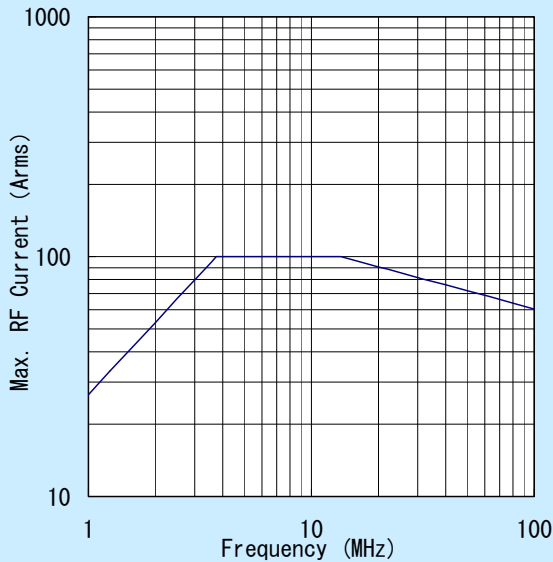
## Drawing



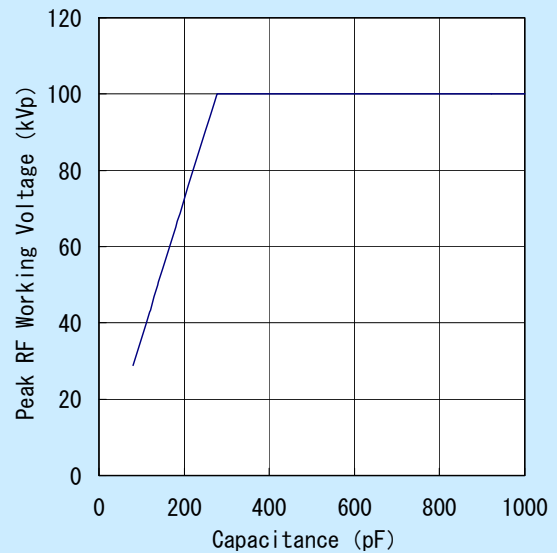
# SCV-1010

Variable Type Vacuum Capacitor (VM Type)

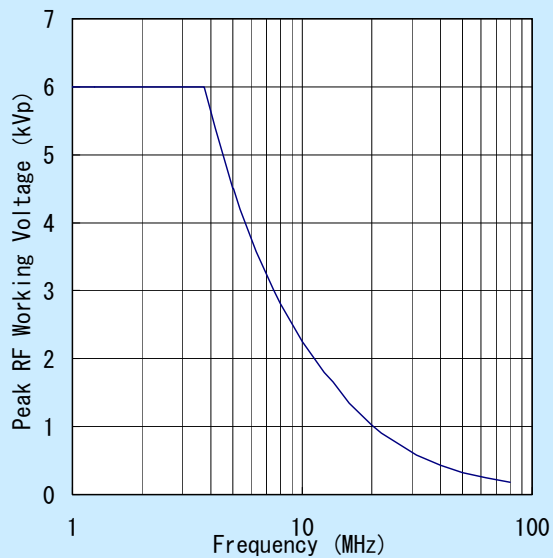
Frequency - Current response



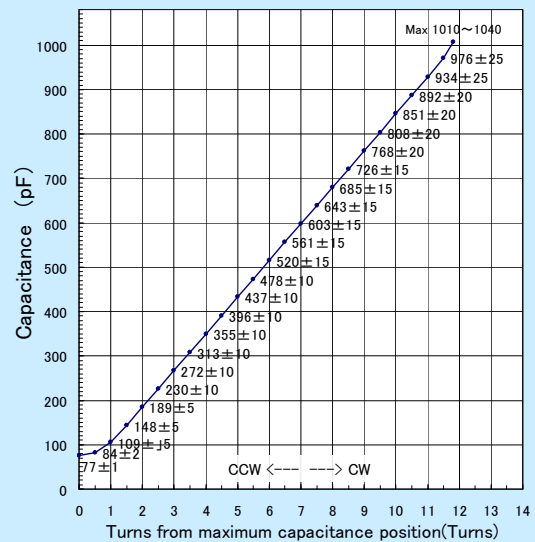
Capacitance - Current response



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.