

SCV-1010

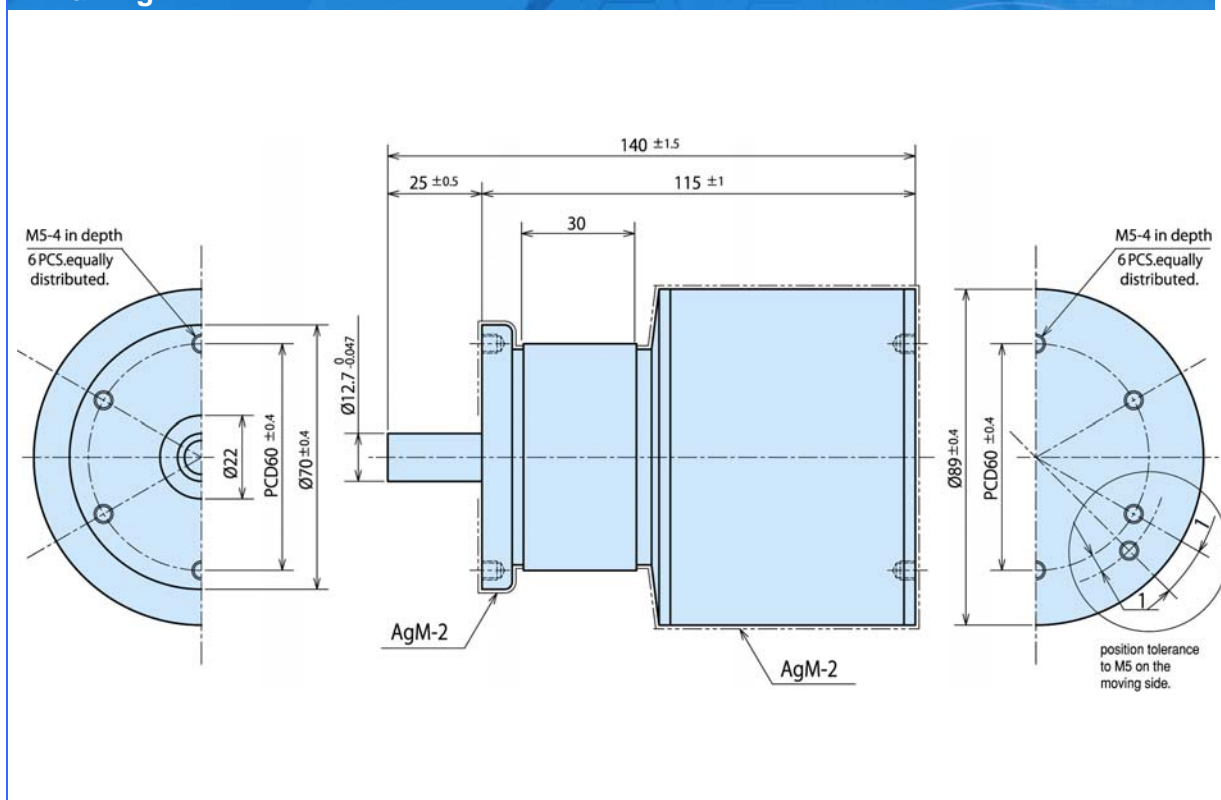
Variable Type Vacuum Capacitor (VM Type)

Specification

Peak Test Voltage	10kV,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 ≥ 125pF)
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	115mm
Outer Diameter	φ89 mm
Weight	1.8 kg



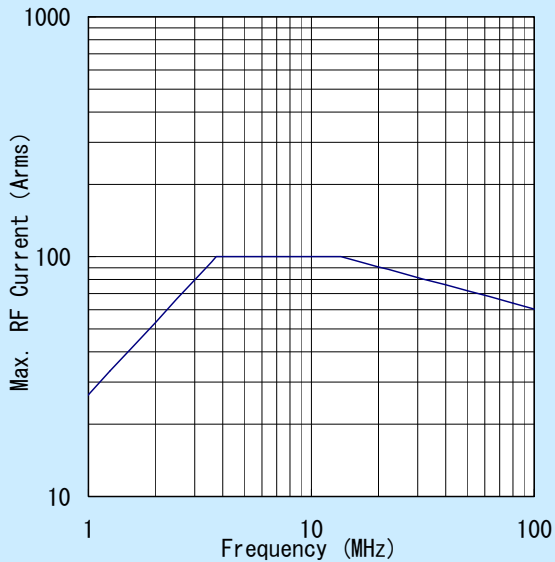
Drawing



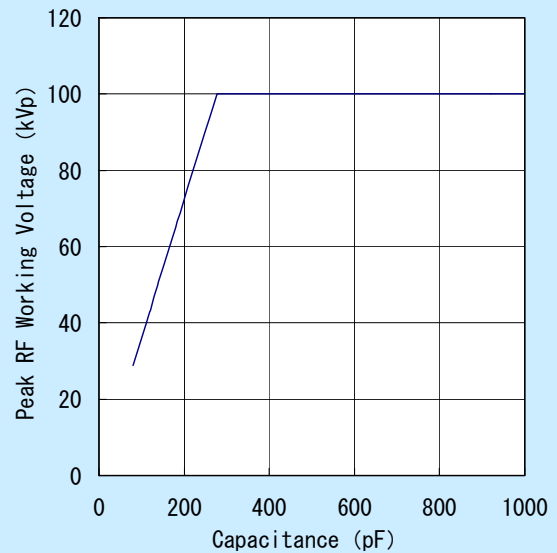
SCV-1010

Variable Type Vacuum Capacitor (VM Type)

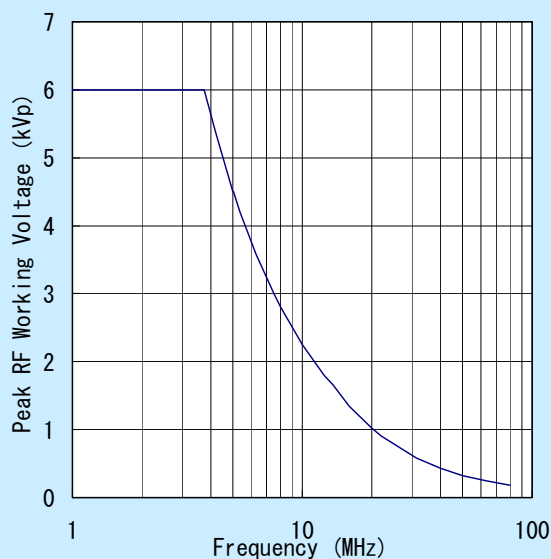
Frequency - Current response



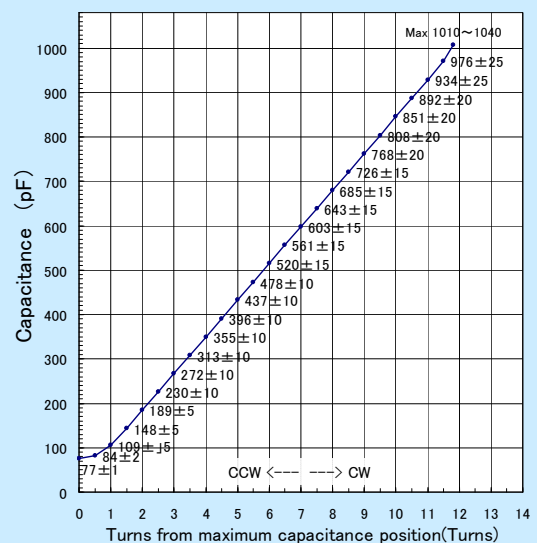
Capacitance - Current response



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.

MEIDENSHA CORPORATION

ThinkPark Tower 2-1-1 Oosaki, Shinagawa-ku, Tokyo, 141-6029 Japan

Phone: 81-3-6420-7510 Facsimile: 81-3-5745-3053 URL: www.meidensha.co.jp