

# SCV-514M

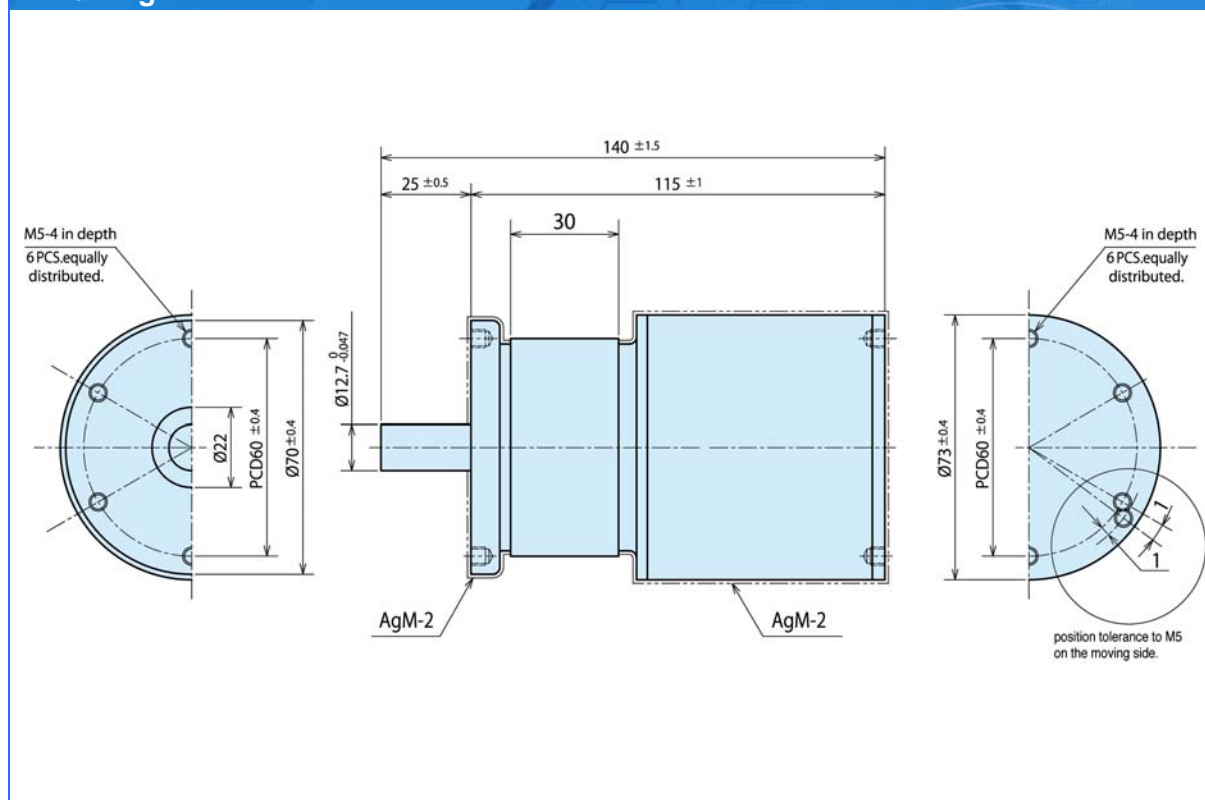
Variable Type Vacuum Capacitor (VM Type)

## Specification

|                        |                                   |
|------------------------|-----------------------------------|
| Peak Test Voltage      | 5 kV,peak (at 50,60 Hz/ 1 minute) |
| RF Working Voltage     | 3 kV,peak (at 13.56 MHz)          |
| Capacitance nominal    | 90 – 1400 pF                      |
| Linear Variability     | 115±8 pF/Turn ( $C \geq 150$ 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         | Φ73 mm                            |
| Weight                 | 1.4 kg                            |

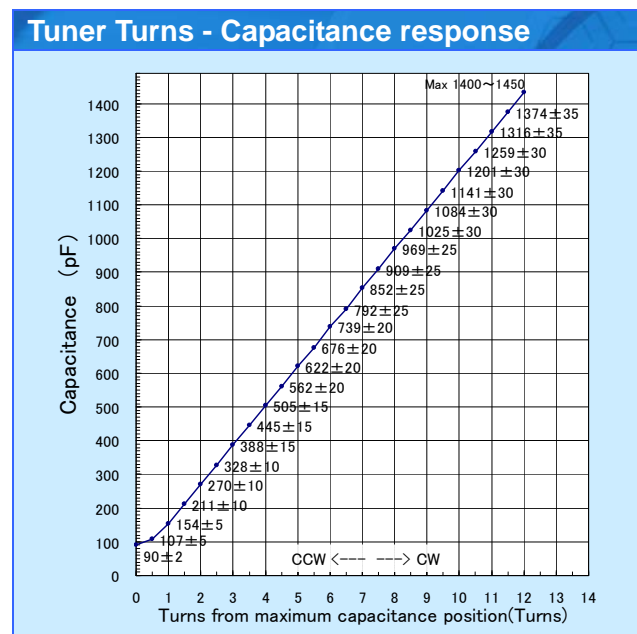
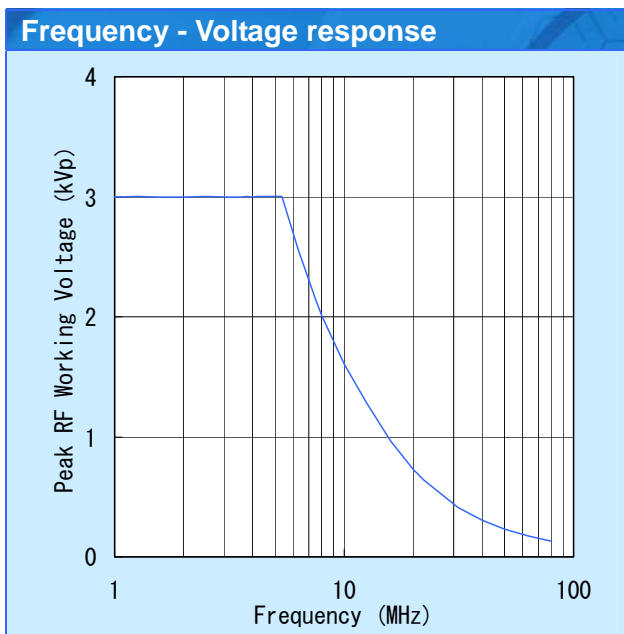
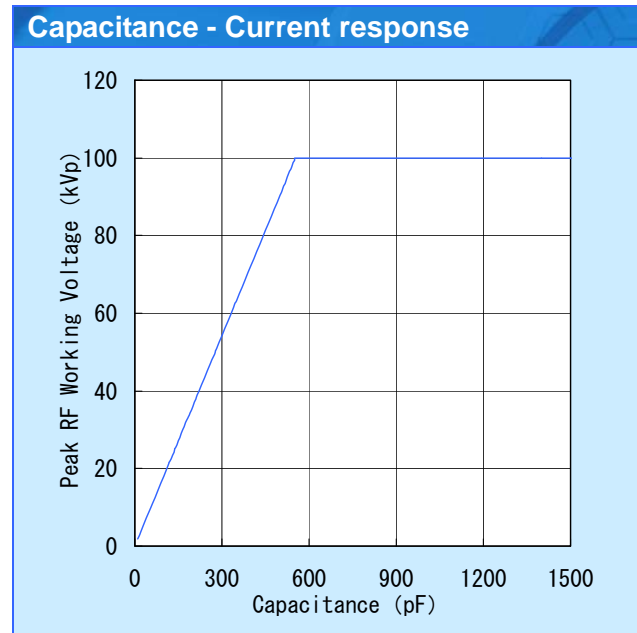
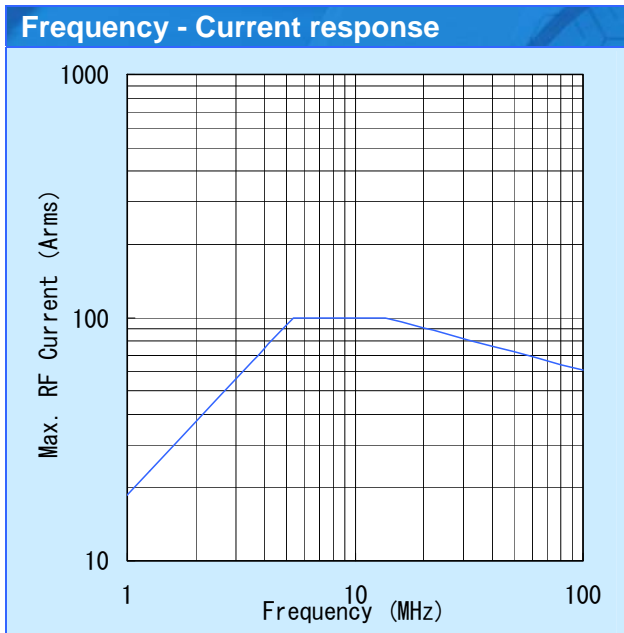


## Drawing



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**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.