

SCV-510H65UW

Variable Type Vacuum Capacitor (UW65 Type)

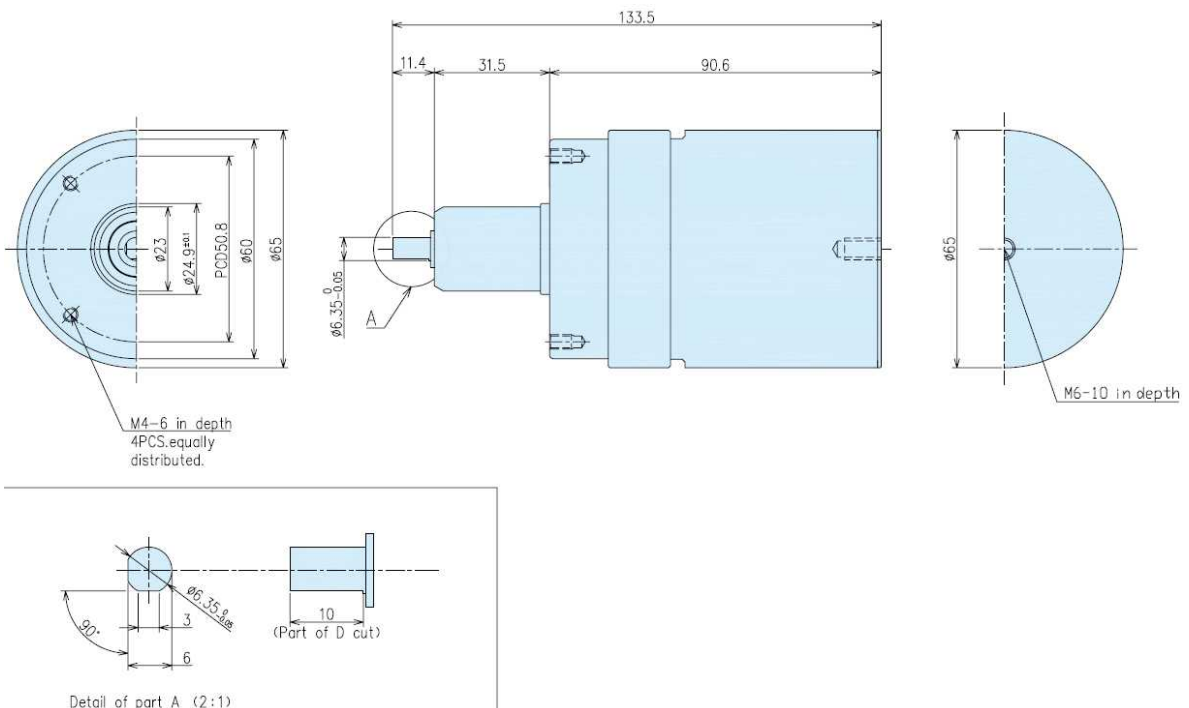
MEIDEN

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	{00} – 1000 pF
Linear Variability	85.7±4.3 pF/Turn ($C \geq 0$ pF)
Maximum Current	94 A,rms (at 13.56 MHz)
Tuner Turns	10.5±0.5 Turns
Tuner Operating Torque	18 N ·cm
Total Length	133.5 mm
Mounting Length	90.6 mm
Outer Diameter	Φ 65 mm
Weight	0.93 kg



Drawing

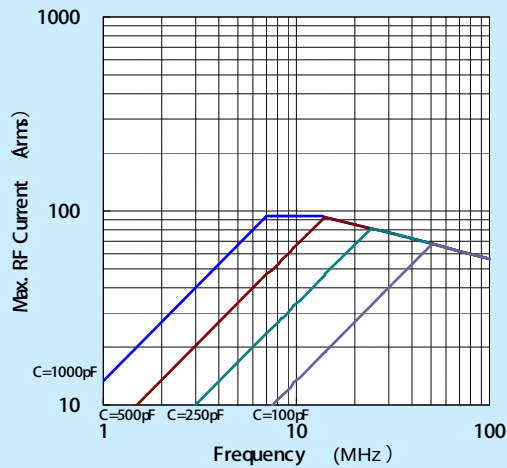


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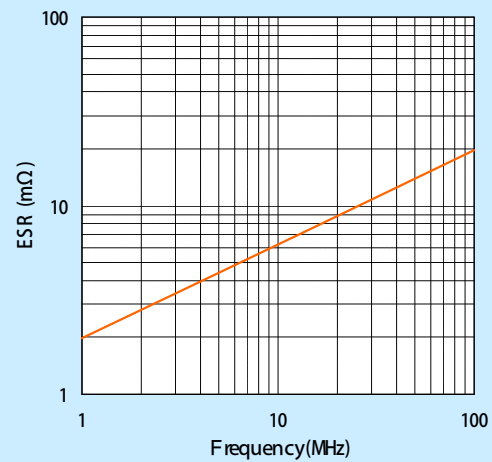
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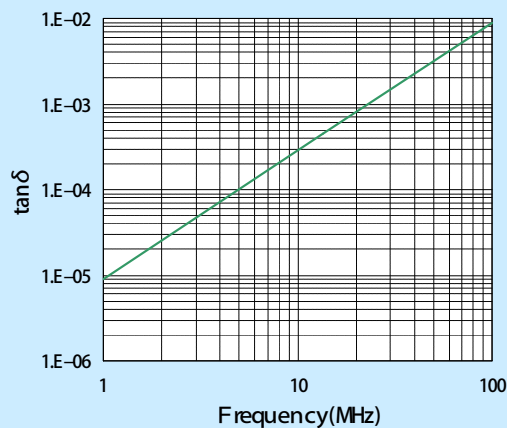
Frequency - Current response



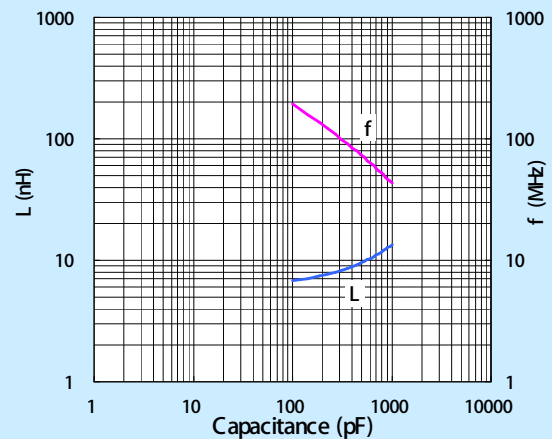
Frequency ñ ESR



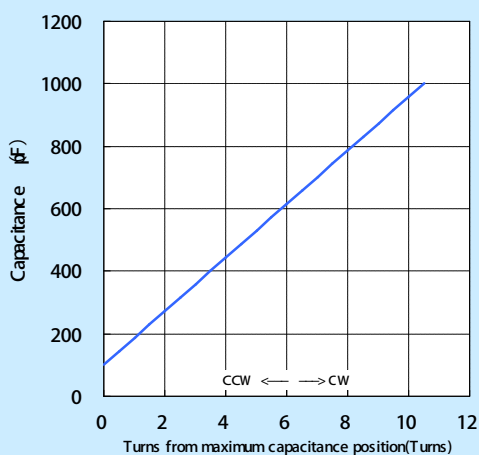
Frequency ñ tan δ



Self inductance and resonance frequency



Tuner Turns - Capacitance response



Notice :

- Current collecting system : Capacitor both-end full-face collection.
- Cooling System : Conduction.
- Permissible surface temperature : 125°C.
(The surface temperature changes with current collecting conditions and ambient temperature.)
- Ambient temperature : 25°C.