

# SCV-55FH55UW-C

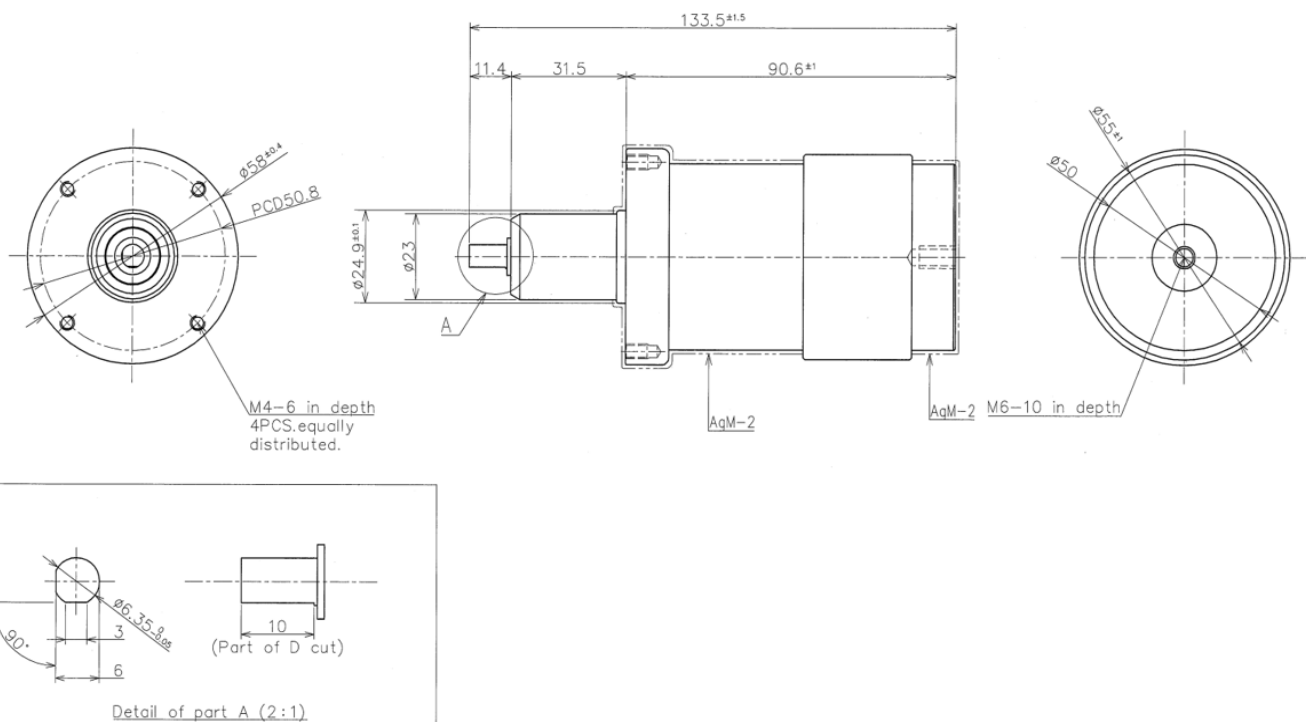
Variable Type Vacuum Capacitor ( UW55-C Type )

## Specification

|                        |                                          |
|------------------------|------------------------------------------|
| Peak test Voltage      | 5 kVp (at 50, 60 Hz/ 1min)               |
| RF Working Voltage     | 3 kVp                                    |
| Capacitance nominal    | 7 - 500 pF                               |
| Linear Variability     | $59.2 \pm 3.0$ pF/Turn ( $C \geq 54$ pF) |
| Maximum Current        | 90 Arms (13.56MHz)                       |
| Tuner Turns            | $10.5 \pm 0.2$ Turns                     |
| Tuner Operating Torque | 0.18 Nm                                  |
| Total Length           | 133.5 mm                                 |
| Mounting Length        | 90.6 mm                                  |
| Outer Diameter         | $\phi 55$ mm                             |
| Weight                 | 0.7 kg                                   |



## Drawing



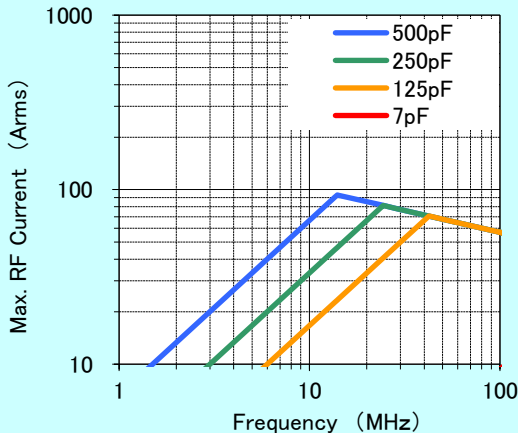
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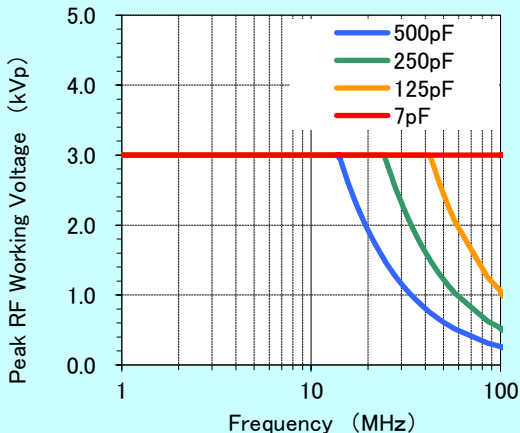
MEIDEN

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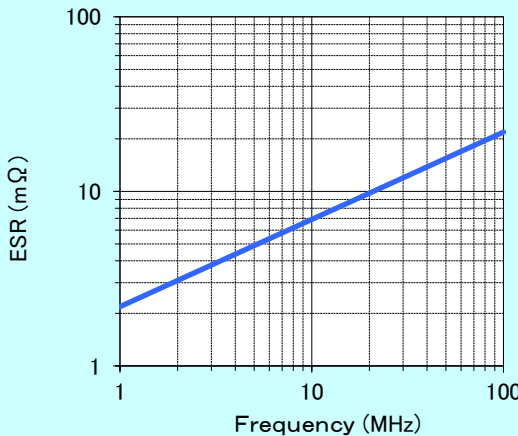
Frequency – Current response



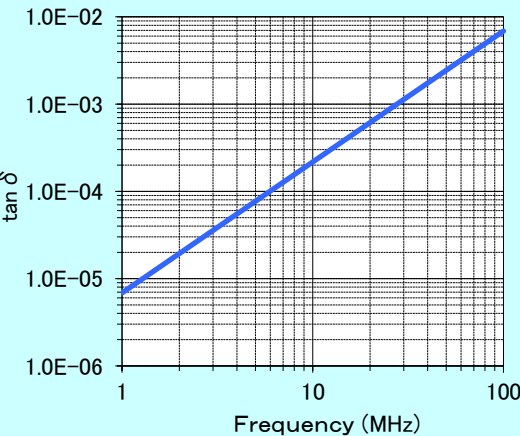
Frequency – Voltage response



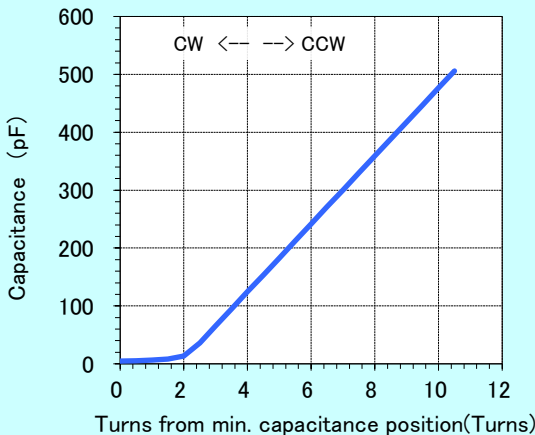
Frequency – ESR response



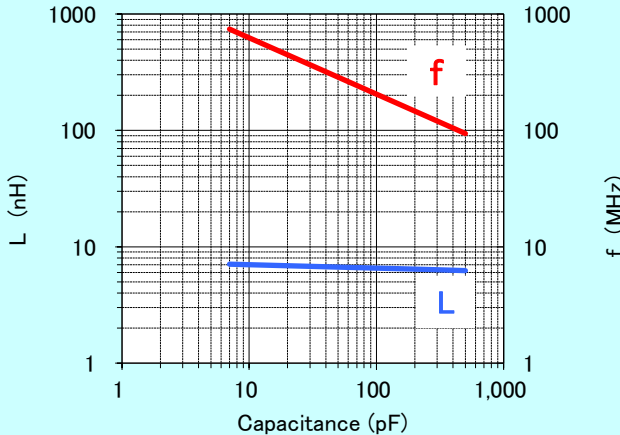
Frequency –  $\tan \delta$  response



Tuner Turns – Capacitance response



Capacitance – L & f response



**Notice:** Current collecting system: Capacitor both-end full-face collection.

Cooling System: Conduction Cooling.

Permissible surface temperature: 125°C.

(The surface temperature changes with current collecting conditions and ambient temperature.)

Ambient temperature: 25°C.

In regard to queries about these products, please contact below.

## MEIDENSHA CORPORATION

Vacuum device Sales Department: ThinkPark Tower 2-1-1 Osaki, Shinagawa-ku, Tokyo, 141-6029 Japan

Phone: 81-3-6420-7590 Facsimile: 81-3-5745-3058 URL: <http://www.meidensha.co.jp>

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