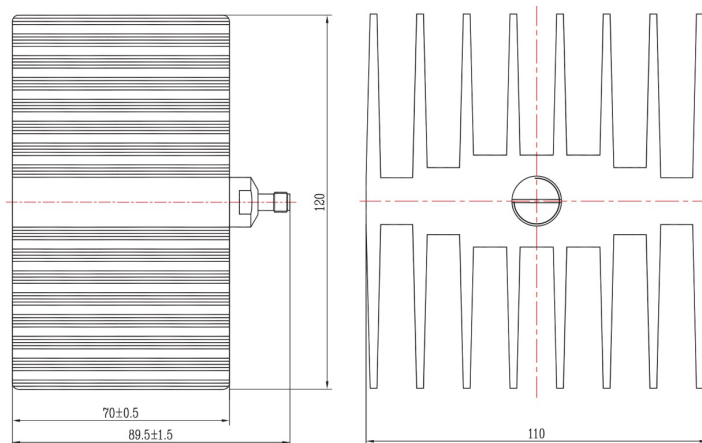




## SMA Female Coaxial Termination, RT850SFA DC-8.5GHz, 50W, Rectangular

### Dimensions(mm) Tolerance $\pm 1\%$



### Electrical & Environmental

|                 |           |            |                                         |      |          |
|-----------------|-----------|------------|-----------------------------------------|------|----------|
| Frequency Range | DC-8.5GHz | Impedance  | 50 ohm                                  | VSWR | 1.25 max |
| Input Avg Power | 50W @25°C | Peak Power | 500W (5μsec pulse width, 5% duty cycle) |      |          |

### Mechanical & Product Information

|                |                              |            |                         |
|----------------|------------------------------|------------|-------------------------|
| Product Number | RT850SFA, P-Grade            | Connector  | SMA Female              |
| Connector Body | Ternary alloy plated brass   | Heat Sink  | Black anodized aluminum |
| Center Contact | Gold plated beryllium copper |            |                         |
| Operating Temp | -55°C~+125°C                 | Net Weight | -                       |

1. Customized connectors, dimensions, PIM, VSWR.
2. Refer to the RFTOP Termination selection and usage guide.

**Notes:** To ensure longevity and performance, do not use at full power for a long time. Peak power, pulse width, and duty cycle need to meet the requirements. Input high power, require heat dissipation, maintain temperature within 60°C. Reference Curve, derate linearly to 5W at 100°C.

