

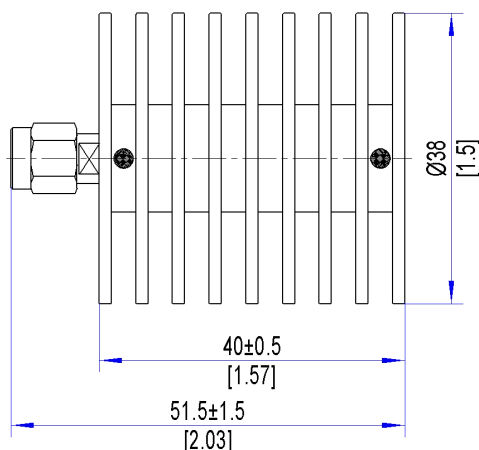
# FSCT30-18-S

Coaxial Termination, DC-18GHz, 30W, SMA

| Electrical Specifications    |                            |                                                                             |         |            |          |
|------------------------------|----------------------------|-----------------------------------------------------------------------------|---------|------------|----------|
| 1                            | Nominal Impedance          | 50 Ω                                                                        |         |            |          |
| 2                            | Average Power <sup>1</sup> | 30W @ 25°C                                                                  |         |            |          |
| 3                            | Frequency Range            | DC~4GHz                                                                     | DC~8GHz | DC~12.4GHz | DC~18GHz |
| 4                            | VSWR                       | ≤1.20                                                                       | ≤1.25   | ≤1.35      | ≤1.40    |
| Environmental Specifications |                            |                                                                             |         |            |          |
| 1                            | Operating Temperature      | -55°C~+125°C                                                                |         |            |          |
| Mechanical Specifications    |                            |                                                                             |         |            |          |
| 1                            | Connectors                 | SMA(f)/SMA(m)                                                               |         |            |          |
| 2                            | Body Material              | Connector: Passivated Stainless Steel<br>Heat Sink: Black Anodized Aluminum |         |            |          |

Note 1: Refer to the power derating curve for details.

## Outline Drawing (Units: mm/[inch], Tolerance: $\pm 0.3$ mm)



Outline A

## Ordering Information:

| Model        | Connector Type       | Outline Drawing |
|--------------|----------------------|-----------------|
| FSCT30-18-S  | SMA-Female (default) |                 |
| FSCT30-18-SM | SMA-Male             | Outline A       |

Model: **FSCT30-XX-S**

XX = Frequency Range (4GHz, 8GHz, 12.4GHz, 18GHz )

Example: 8GHz→**FSCT30-8-S**