

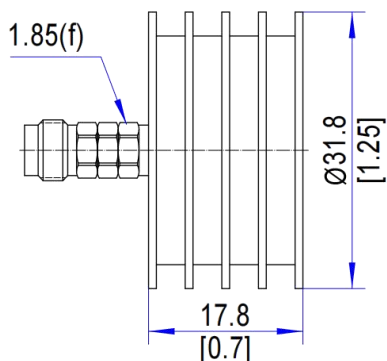
## FSCT5-67-V

Coaxial Termination, DC-67GHz, 5W, 1.85mm

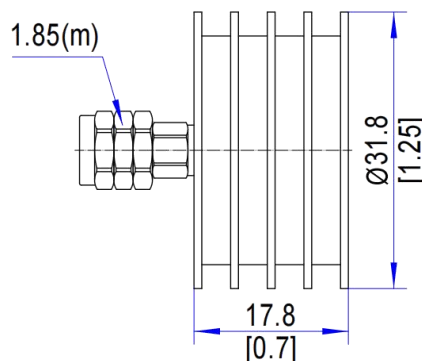
| Electrical Specifications    |                            |                                                                             |
|------------------------------|----------------------------|-----------------------------------------------------------------------------|
| 1                            | Nominal Impedance          | 50 $\Omega$                                                                 |
| 2                            | Average Power <sup>1</sup> | 5W @ 25°C                                                                   |
| 3                            | Peak Power                 | 20W (5 $\mu$ s pulse width, 2.5% duty cycle)                                |
| 4                            | Frequency Range            | DC~67GHz                                                                    |
| 5                            | VSWR                       | $\leq 1.35$                                                                 |
| Environmental Specifications |                            |                                                                             |
| 1                            | Operating Temperature      | -55°C~+125°C                                                                |
| Mechanical Specifications    |                            |                                                                             |
| 1                            | Connectors                 | 1.85mm(f)/1.85mm(m)                                                         |
| 2                            | Body Material              | Connector: Passivated Stainless Steel<br>Heat Sink: Black Anodized Aluminum |
| 3                            | Insulation                 | PEI                                                                         |
| 4                            | Inner Conductor            | Gold Plated Brass/Beryllium Brass                                           |

Note 1: Power derates linearly to 0.5W at +125°C. Refer to the power derating curve for details.

### Outline Drawing (Units: mm/[inch], Tolerance: $\pm 2\%$ )



Outline A



Outline B

### Ordering Information:

| Model       | Connector Type         | Outline Drawing |
|-------------|------------------------|-----------------|
| FSCT5-67-V  | 1.85mm-Female(default) | Outline A       |
| FSCT5-67-VM | 1.85mm-Male            | Outline B       |