

# YSRT5-18-S

Coaxial RF Termination, DC-18 GHz, 5 W, SMA Connector, 50 Ohm

## Key Features

- 5 W avg. power @ 25°C
- DC to 18 GHz frequency range
- VSWR from  $\leq 1.15$  to  $\leq 1.30$
- SMA female or male connector options
- Passivated stainless steel body

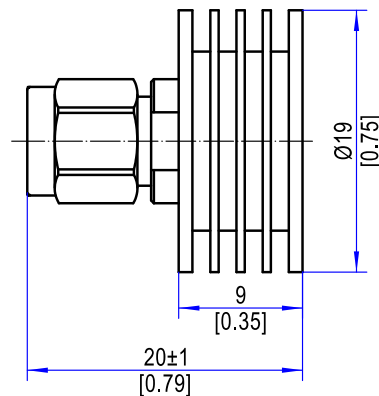
## Applications

- Test & measurement systems
- Microwave & RF laboratory setups
- High-frequency communication systems
- Radar and aerospace electronics
- Component characterization and calibration

Electrical Specifications					
1	Nominal Impedance	50 $\Omega$			
2	Average Power <sup>1</sup>	5 W @ 25°C			
3	Frequency Range	DC-4 GHz	DC-8 GHz	DC-12.4 GHz	DC-18 GHz
4	VSWR	$\leq 1.15$	$\leq 1.20$	$\leq 1.25$	$\leq 1.30$
Environmental Specifications					
1	Operating Temperature	-55°C to +125°C			
Mechanical Specifications					
1	Connectors	SMA Male			
2	Body Material	Connector: Passivated Stainless Steel 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
YSRT5-18-S	SMA Female (default)	
YSRT5-18-SM	SMA Male	Outline A

Model: **YSRT5-XX-S**

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

Example: 8 GHz → **YSRT5-8-S**