

# QCT1805

## DC~18GHz, 5W

Features:  
 \* Low VSWR  
 \* Broadband

Applications:  
 \* Transmitters  
 \* Antennas  
 \* Laboratory Test  
 \* Impedance Matching



### Electrical

Frequency Range: DC~18GHz  
 Average Power<sup>\*1</sup>: 5W@25°C  
 Impedance: 50Ω

[1] Derated linearly to 0.25W@120°C.

### VSWR

Frequency (GHz)	VSWR <sup>*2</sup> (max.)	VSWR <sup>*3</sup> (max.)
DC~4	1.20	1.15
DC~8	1.25	1.20
DC~12.4	1.30	1.25
DC~18	1.40	1.30

[2] N connector  
 [3] SMA connector

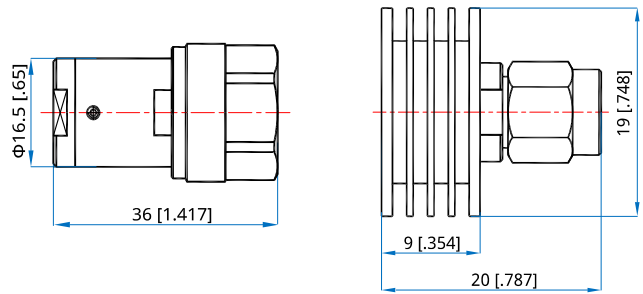
### Mechanical

Connectors: N, SMA

### Environmental

Temperature: -55~+125°C

### Outline Drawings



Outline A

Outline B

Unit: mm [in]  
 Tolerance: ±1mm [±0.04in]

### How To Order

#### QCT1805-X-Y

X: Frequency in GHz  
 Y: Connector type

Connector naming rules:

- N - N male (Outline A)
- NF - N female
- S - SMA male (Outline B)
- SF - SMA female

Examples:

To order a termination, DC-12.4GHz, SMA male, specify QCT1805-12.4-S.

Customization is available upon request.