

# QCT5005

## DC~50GHz, 5W

Features:  
 \* Low VSWR  
 \* Broadband

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

### Electrical

Frequency Range: DC~50GHz  
 Average Power<sup>†</sup>: 5W@25°C max.  
 Impedance: 50Ω  
 VSWR: 1.3 max.

[1] Derated linearly to 0.25W@125°C.

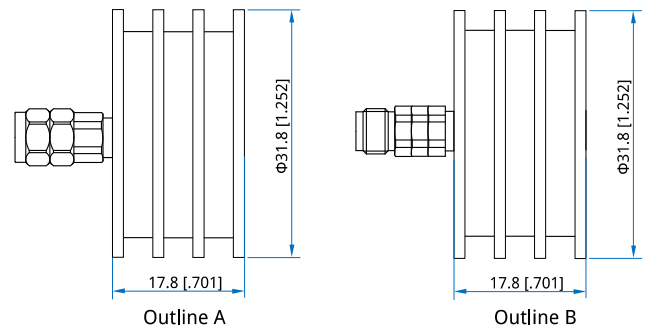
### Mechanical

Connector: 2.4mm  
 Housing: Aluminum  
 Outer Conductor: Stainless steel  
 Dielectric: PEI  
 Male Inner Conductor: Gold plated brass  
 Female Inner Conductor: Gold plated beryllium copper

### Environmental

Temperature: -55~+125°C

### Outline Drawings



Unit: mm [in]  
 Tolerance: ±0.5mm [±0.02in]

### How To Order

**QCT5005-X-Y**

X: Frequency in GHz

Y: Connector type

Connector naming rules:

2 - 2.4mm male (Outline A)

2F - 2.4mm female (Outline B)

Examples:

To order a termination, DC~50GHz, 2.4mm male, specify QCT5005-50-2.

Customization is available upon request.