

# QCT6705

## DC~67GHz, 5W

Features:  
 \* Low VSWR  
 \* Broadband

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

### Electrical

Frequency Range: DC~67GHz  
 Average Power<sup>†1</sup>: 5W@25°C max.  
 VSWR: 1.35 max.  
 Impedance: 50Ω

[1] Derated linearly to 0.25W@125°C.

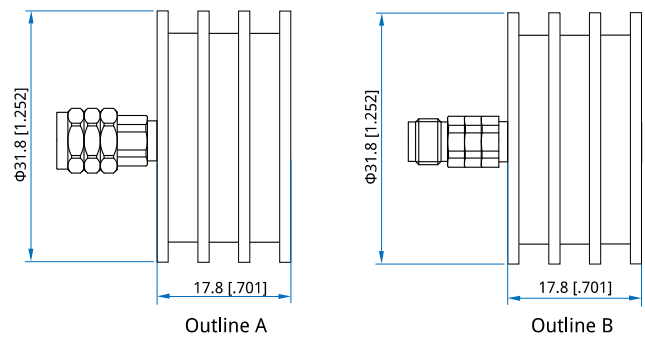
### Mechanical

Connector: 1.85mm  
 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: ±2mm [±0.08in]

### How To Order

**QCT6705-X-Y**

X: Frequency in GHz

Y: Connector type

Connector naming rules:

V - 1.85mm Male (Outline A)

VF - 1.85mm Female (Outline B)

Examples:

To order a termination, DC-67GHz, 5W, 1.85mm male, specify QCT6705-67-V.

Customization is available upon request.