

# QCT11001

## DC~110GHz, 1W

Features:  
 \* Low VSWR  
 \* Broadband

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

### Electrical

Frequency Range: DC~110GHz  
 Average Power<sup>†</sup>: 1W@25°C max.  
 VSWR: 1.6 max.  
 Impedance: 50Ω

[1] Derated linearly to 0.05W@125°C.

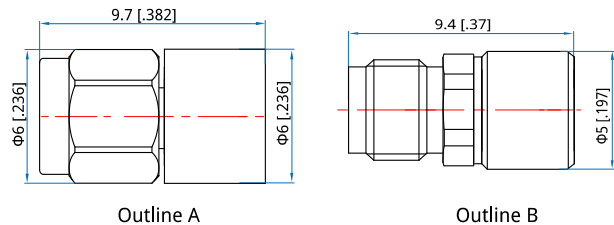
### Mechanical

Connector: 1.0mm  
 Weight: 5g  
 Outer Conductor: Stainless Steel Passivation  
 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

**QCT11001-X-Y**

X: Frequency in GHz

Y: Connector type

Connector naming rules:

1 - 1.0mm male (Outline A)

1F - 1.0mm female (Outline B)

Examples:

To order a termination, DC~110GHz, 1.0mm male, specify QCT11001-110-1.

Customization is available upon request.