

### NCT6702

DC~67GHz, 2W

Features:  
 \* Low VSWR  
 \* Broadband

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

#### Electrical

Frequency Range: DC~67GHz  
 Average Power<sup>+1</sup>: 2W@25°C max.  
 VSWR: 1.8 max.  
 Impedance: 50Ω

[1] Derated linearly to 0.1W@120°C.

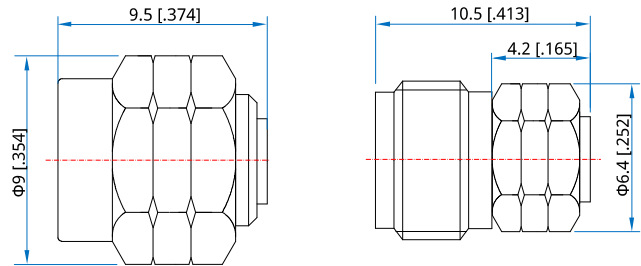
#### Mechanical

Connector: 1.85mm Male  
 1.85mm Female  
 Outer Conductor: Passivated stainless steel  
 Dielectric: PEEK or PEI  
 Male Inner Conductor: Gold plated tin phosphorus bronze  
 Female Inner Conductor: Gold plated beryllium copper

#### Environmental

Temperature: -55~+125°C

#### Outline Drawings



Outline A

Outline B

Unit: mm [in]  
 Tolerance: ±2mm [±0.08in]

#### How To Order

**NCT6702-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, 1.85mm male, specify NCT6702-67-V.

Customization is available upon request.