

### NCT3302

DC~33GHz, 2W

Features:  
 \* Low VSWR  
 \* Broadband

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

#### Electrical

Frequency Range: DC~33GHz  
 Average Power<sup>†1</sup>: 2W  
 Impedance: 50Ω  
 VSWR: 1.15 max.

[1] Derated linearly to 0.1W@120°C.

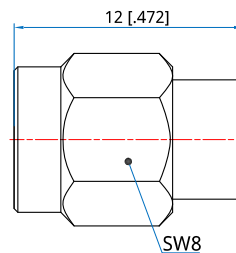
#### Mechanical

Connectors: 3.5mm  
 Outer Conductor: Passivated Stainless Steel  
 Inner Conductor: Gold Plated Beryllium Copper  
 Dielectric: PEI

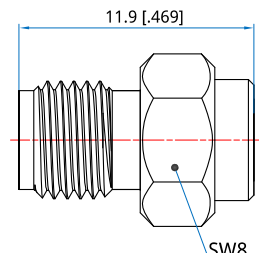
#### Environmental

Temperature: -55~+125°C

#### Outline Drawings



Outline A



Outline B

Unit: mm [in]  
 Tolerance: ±0.2mm [±0.008in]

#### How To Order

**NCT3302-X-Y**

X: Frequency in GHz

Y: Connector type

Connector naming rules:

3 - 3.5mm Male (Outline A)

3F - 3.5mm Female (Outline B)

Examples:

To order a termination, DC-33GHz, 3.5mm male, specify NCT3302-33-3

Customization is available upon request.