

### NCT33R5

DC~33GHz, 0.5W

**Features:**

- \* Low VSWR
- \* Broadband

**Applications:**

- \* Transmitters
- \* Antennas
- \* Laboratory Test
- \* Impedance Matching

**Electrical**

---

Frequency Range: DC~33GHz  
 Average Power: 0.5W  
 Impedance: 50Ω  
 VSWR: 1.25 max.

**Mechanical**

---

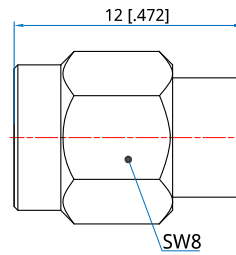
Connectors: 3.5mm  
 Outer Conductor: Passivated Stainless Steel  
 Inner Conductor: Gold Plated Beryllium Copper  
 Dielectric: PEI

**Environmental**

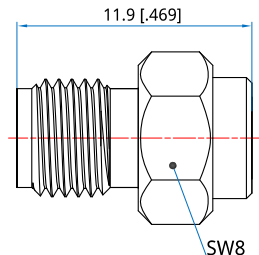
---

Temperature: -55~+125°C

**Outline Drawings**



Outline A



Outline B

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

**How To Order**

**NCT33R5-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 NCT33R5-33-3

Customization is available upon request.