

# QCT50R5

DC~50GHz, 0.5W

Features:  
 \* Low VSWR  
 \* Broadband

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

## Electrical

Frequency Range: DC~50GHz  
 Average Power: 0.5W  
 Impedance: 50Ω  
 VSWR: 1.3 max. (DC~40GHz)  
 1.4 max. (DC~50GHz)

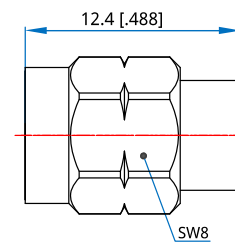
## Mechanical

Connectors: 2.4mm  
 Outer Conductor: Passivated stainless steel  
 Inner Conductor: Gold plated beryllium copper  
 Dielectric: PEI

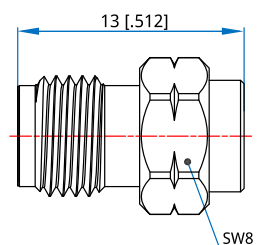
## Environmental

Temperature: -55~+125°C

## Outline Drawings



Outline A



Outline B

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

## How To Order

**QCT50R5-X-Y**

X: Frequency in GHz

Y: Connector type

Connector naming rules:

2 - 2.4mm male (Outline A)

2F - 2.4mm female (Outline B)

Examples:

To order a termination, DC-50GHz, 2.4mm male, specify QCT50R5-50-2.

Customization is available upon request.